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ABSTRACT

This document, section 1 of a three-part study, reports on a effort to identify Manitoba business and industrial establishments willing to receive business and vocational/industrial teachers interested in professional/technical updating. Objectives were: (1) to determine accessible areas, types of activities, and duration of updating activities made available by willing establishments; (2) to undertake a review of current updating practices in Canadian Provinces and Territories; and (3) to initiate two updating activities. Provinces and Territories indicated a common concern about, and awareness of, the professional/technical updating problem. Mail questionnaires were designed to identify interested firms, secure information about the firms, and identify accessible areas, types of activities, and the most suitable periods for updating activities. The survey resulted in the preliminary identification of 50 Manitoba business and industrial establishments willing to collaborate. The two cooperative updating activities--one in the university setting and another in industry--proved to be very successful for student teachers, industry, and the Faculty of Education at the University of Manitoba. Recommendations involved the mandating of a provincial agency for updating activities and a listing of interested firms to be updated annually. Appendixes include a comprehensive list of Manitoba business and industrial firms with addresses and names of presidents, a list of firms willing to participate, with names and titles of contact persons, and information on the two updating ventures. (YLB)

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# A STUDY OF MANITOBA BUSINESSES AND INDUSTRIES INTERESTED IN PARTICIPATING IN PROFESSIONAL/TECHNICAL UPDATING OF BUSINESS AND VOCATIONAL/INDUSTRIAL TEACHERS

Faculty of Education
University of Manitoba
Winnipeg, Manitoba
September, 1982

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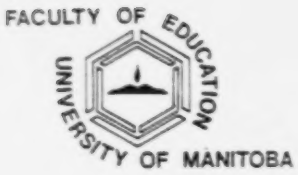


# A STUDY OF MANITOBA BUSINESSES AND INDUSTRIES INTERESTED IN PARTICIPATING IN PROFESSIONAL/TECHNICAL UPDATING OF BUSINESS AND VOCATIONAL/INDUSTRIAL TEACHERS

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TABLE OF CONTENTS

Table of Contents . . . . . ii

Preface . . . . . iv

Introduction . . . . . 1

Statement of the Problem . . . . . 3

Definition of Terms . . . . . 6

Goals and Objectives . . . . . 5

Review of Current Practices . . . . . 7

Current Updating Practices at the Provincial and Territorial Level
Major Companies Offering Assistance for the Updating of Teachers Across Canada
Provinces and Territories that Submitted Vocational Teacher Updating Information

Research Methodology . . . . . 23

Sample Design
Questionnaire Design

Findings of the Survey . . . . . 24

Summary . . . . . 25

Conclusions . . . . . 25

Recommendations . . . . . 25

Bibliography . . . . . 27

Appendices

A. Listing of Manitoba Firms . . . . . 28

B. Initial and Second Letters to Provinces and Territories . . . . . 74

C. Initial and Follow-up Questionnaire Letters to Businesses and Industries . . . . . 77

D. Sample Brochure on Updating Activities . . . . . 81

E. Listing of Manitoba Business and Industrial Firms Willing to Participate in Updating . . . . . 83

F. Two Successful Updating Ventures . . . . . 101

G. Sample Certificates of Appreciation. . . . . 118

# PREFACE

This report is Section I of a three-part study on the professional/technical updating of Business and Vocational/Industrial teachers.

The three sections of the study are:

Section I: To identify provincial business and industrial establishments willing to receive business and vocational/industrial teachers who are interested in professional/technical updating;

Section II: To determine the willingness of business and vocational/industrial teachers in Manitoba to update their professional/technical skills and knowledge;

Section III: To examine the feasibility of establishing a computerized information directory to match interested business and vocational/industrial teachers with business and industrial establishments willing to provide internship sites for updating.

Sections II and III will be available at a later date. This present volume contains Section I, the threefold purpose of which is:

a) to identify Manitoba businesses and industries willing to participate in the professional/technical updating of business and vocational/industrial teachers;

b) to identify from these establishments, the area of updating interest available, the types of activities, and their duration.

c) to initiate two successful ventures with industrial establishments.

# INTRODUCTION

Technology in the developed countries is changing at a faster rate each year. The new technology is more complex and difficult, and occupations are being created to fill needs that did not exist previously.

A vocational student entering the world of work must be better prepared in the future than he was in the past. The student must be flexible, aware of the need for continuing education and progress, and have skills and knowledge that are as up to date as possible.

Vocational/industrial teachers typically require six years after Grade twelve, four years of journeyman training and two years work experience in designated trades, and six years including initial training in non-designated trades. After a year of teacher training, the individual is qualified to teach, and can be expected to be up to date in the field of the teaching specialty.

## Current Situation

Business education teacher trainees typically begin their training after the completion of the senior high school program. During the four years of their teacher education they enrol in courses in Professional Education, Professional Business Education, Business Administration as well as Economics and other social science fields. Upon completion of their degree program they are issued with a professional teaching certificate permitting them to teach business subjects at the junior high, senior high and some post-secondary institutions.

As time passes, the business and vocational/industrial teacher gains in experience and becomes a better teacher. During this period, however, he/she

is isolated from current developments in the specific field. Unhappily, this teacher finds him/herself dated and out of touch with the reality of the business and industrial world. Such a situation is serious for business teachers, but is more acute for industrial/vocational teachers.

The world of work is changing and the world of business and vocational/industrial education must keep pace with these changes - changing job requirements in office and industrial occupations dictate the need for professional/technical updating to enhance the vocational competency of these teachers, and to extend their skills and knowledge. How valuable for the business and vocational/industrial teacher to return to the classroom and to speak with authority on the relationship between formal classroom learning and the reality of job performance.

Updating activity is needed to keep teachers informed about what is happening in industry and business. Inservice training serves a useful purpose in updating. It has the drawbacks of being of short duration, and of being conducted in educational establishments. Vocational teachers could require more time to assimilate new material than the normal inservice allows. Some concepts could only be taught in a real life setting because of the physical size of the operation.

When an updating activity requires a significant length of time to complete, the teacher must be given released time. The teacher will have legitimate concern about the continuation of salary and the security of a teaching assignment.

Academic teachers who take courses in their teaching specialties gain further academic standing and make upward progress on the salary scale. Business and vocational teachers should be given equal incentives for structured experiences.

This will require colleges and universities to evaluate and supervise activities that are unfamiliar, and undertaken extramurally in business or industrial establishments.

Effective updating programs will increase operating costs, but it is at least as important to update teachers as it is to update equipment. The quality of educational programs depends as much on the effectiveness of the teachers as on the hardware they use.

Businesses and industries should realize that it will be more cost effective for them to give assistance in updating the teachers of their future employees, than to train or retrain the much larger numbers of those employees.

In general, business and vocational teachers understand the need for updating in order for their efforts to be effective. In some states in the U.S.A. this need has been sharply pointed out through mandatory continuing education as a condition of continued employment. A well supported voluntary updating program would help to keep the activity optional.

Improvements can be made to the present system, and the necessary effort must be made to secure changes benefitting our students, who will shortly be entering the world of work.

A central organization is required to coordinate the variety of functions involved in creating and operating an effective program.

Businesses and industries must be approached, and those willing to cooperate in updating programs must be identified, their facilities and capabilities assessed, and the form and content of their assistance mutually agreed on. This information must be made easy to retrieve, be regularly brought up to date, and be made available to the teachers.

Statement of the Problem

Section I of the study was to identify Manitoba business and industrial establishments willing to receive practicing teachers of business and vocational/industrial subjects who are interested in updating their professional/technical skills and knowledge.

An underlying assumption of this study was the need for an administrative structure in Manitoba to identify updating sites offered by business and industry and match them with interested practicing business and vocational/industrial teachers.

In the past, some business and industrial establishments were willing to provide such opportunities, but were unable to identify teachers desiring these experiences. Likewise, business and vocational/industrial teachers who expressed a willingness to update their skills were unaware of how to contact business and industrial establishments willing to provide internship sites.

The Manitoba Department of Education currently offers only professional development technical workshops, study sessions, seminars and colloquiums but no structured policy is in place to deal with updating activities in business and industry.

The business and industrial world and educational institutions can not afford to ignore each other. The gap that divides and separates them can be closed through a cooperative venture of internship. While the gap continues, the school, unknowingly, turns out unqualified or poorly prepared workers. Under such conditions, both society and the students are cheated. When business and industry are unable to hire qualified personnel, they are forced to mount their own training programs or be resigned to the employment of poorly trained workers who perform at only a marginal level.

The result of this study is a centralized information directory that can be accessed by business/industrial establishments and business and vocational industrial teachers who presently lack the know-how or the opportunity to become involved in a cooperative venture of teacher updating. This study also provides the administrative structure to bring about and enhance this coordination. Teachers, on their own initiative, can access the directory, to identify business and industry willing to provide updating sites in the areas that interest them and at the times most suitable to the teachers' needs. Business and industrial establishments likewise, will be able to identify willing business and vocational industrial teachers desiring to update their skills and knowledge in those areas compatable with their ventures.

Goals and Objectives for Section I

The primary goal of this section was to collect and analyze appropriate information from business and industry in Manitoba as well as from business and vocational industrial teachers that could be used to guide the implementation of a preliminary information directory of updating activities.

In order to accomplish the goal, the following objectives are set forth for this section of the project:

1. Identify business and industries willing to collaborate in this cooperative venture for updating teachers;
2. Determine accessible areas, type of activities and duration of updating activities made available by these willing establishments.

3. Undertake a review of current updating practices in each of the Canadian Provinces and the Territories;
4. Initiate two cooperative updating activities (Appendix F, page 101).

## Definition of Terms

Vocational Education:

Formal preparation for semi-skilled, skilled technical or para-professional occupations usually below the baccalaureate degree in such divisions as trade and industrial education and business education.

Technical Education:

Formal preparation for occupations between the skilled trades and the professions at the upper secondary and post-secondary levels, with emphasis on the learning of a technique or technical procedures and skills.

Business Education:

That area of education which develops skills, understanding, knowledge, and attitudes essential for the successful direction of business relationships and needed to perform in the business world as a producer and/or consumer of goods and services that business offers.

Industrial Education:

A generic term applying to all types of education related to industry including industrial arts education, vocational industrial education, and technical education.

Updating:

Term used to identify the opportunity available to vocational/industrial and business education teachers who wish to undergo work experience periods in business and industry in order to make this particular teaching skills and knowledge more current so as to present to their students a correct indication of present day business and industrial procedures.

Computerized Information Directory:

A listing of interested business and industrial establishments willing to assist in the updating of vocational/industrial and business teachers by providing internship sites where this updating could take place. The listing for each establishment would indicate the contact person in the firm, when he could be contacted, in addition to the specifics of the updating opportunities available.

## REVIEW OF CURRENT PRACTICES

In a day when knowledge accelerates at an exponential rather than a linear rate and rapid advances in technology occur, there is an urgent need to keep vocational teachers abreast of the latest developments in their field. In-service training programs, therefore, serve a useful purpose in updating.

Research for this paper included determining the nature and extent of possible updating programs in each province and territory. The response to the enquiries was almost unanimous, and the replies indicated a concerned awareness of the problem. This concern was further demonstrated by the number of requests to be informed of the results of this endeavor. The comments quoted were selected as typical of the feelings about this topic.

Mr. J. D. Harder, Associate Director of Curriculum, Alberta Department of Education argues:

> "...it has been the responsibility, in large part, of the profession to up-grade themselves through the Teacher's Organization. We recognize that this is not adequate and we will have to, from the provincial point of view, become much more aggressive in insisting on regular up-grading."

Mr. A. vanKesteren, Director, Newfoundland and Labrador Department of Education, Division of Technical and Vocational Education points out that:

> "Within our division.....we have strong feelings that this updating problem must be addressed with high priority. New policies must be put in place as soon as possible for education departments to permit the spending of additional funds to assist instructors to update their skills, to obtain additional qualifications and accreditation (certification), as well as to provide for educational leave with pay."

Mr. R. V. Davies, Supervisor of Vocational Education, Nova Scotia Department of Education indicates:

> "...concerning the very important topic of technical updating for vocational teachers....we have been able to work with industry a great deal in technical updating but as you are aware, it is an on-going problem."

In a number of provinces updating activities are decentralized to community colleges, professional teacher organizations, school boards, schools, and to individual teachers. Extreme decentralization made it very difficult to collect comprehensive data about updating activities because of the number

of autonomous agencies, not all of which would have been identified. A substantial amount of updating is going on, though the encouragement and assistance given at the provincial level varies rather greatly.

Alberta does not have a centrally organized updating program. Many teachers spend part of the summer working in the industries in which their teaching specialty is held, but this is by personal choice. They have occasional workshops which help them to pick up some of the more recent innovations and procedures. Teachers are entitled to a number of professional days which can be used to bring in experts to update them on most recent changes in their field of expertise. These events are organized by the local districts.

In British Columbia, updating vocational teachers is a professional matter and is conducted at the school district or college level. School districts and colleges are autonomous in hiring and firing teachers; consequently updating may vary.

Nova Scotia tries to involve the various trade or testing associations to help by sponsoring and giving short updating seminars. Some trades, such as Beauty Culture and Auto Mechanics, are done on a yearly basis. All teachers of Beauty Culture have an opportunity to attend the latest seminars on hair-styling which are given once a year. For the motor vehicle repair-mechanical teachers, General Motors, through their training facilities, organize a "hands on" seminar each year. In addition, Toyota and Ford have sponsored programs. The Canadian Welding Bureau has also sponsored welding seminars for welding teachers. Other teachers have been sent to national seminars and/or conventions for technical updating.

In Ontario the Ministry of Education does not have responsibility for technical updating, which is the responsibility of the individual teacher and the Board of Education. Professional development days are planned to maintain some awareness of change. In some jurisdictions, auto mechanic teachers receive input from motor vehicle manufacturers on new features of their current models. Actual updating, where it is achieved, is done through on-the-job activities, working with industry during the summer, or through planned programs taken during a sabbatical leave.

In Prince Edward Island, vocational teachers at Holland College have been given the contractual right to Professional Development leave for up to a year to gain additional experience or special training which will enable them to perform present duties more adequately or to undertake studies in some field in which training is needed to provide services which the college requires or is planning to provide. Teachers receive an allowance in lieu of salary, and continue to receive fringe benefits. This arrangement is in addition to normal sabbatical leave. The college also pays seventy-five percent of the tuition costs of professional development courses, and for courses directly related to the instructional field it pays the full cost. Night courses are also free to vocational teachers.

In Saskatchewan, within the high school system, upgrading takes place primarily in the summer months and only on the instructor's initiative. Most efforts in this regard are devoted to arts and science and pedagogical classes since they may enhance positions on the salary scale or add further credit toward degrees. Within post-secondary institutions vocational teachers are encouraged to return to industry for the two or three months when there are no classes. There is a professional development fund established for

educational leave for further training, but this is usually used to attend university. Post-secondary instructors take advantage of the many short courses provided by industry, such as those put on by John Deere, General Motors, etc., but there is no structured incentive to attend.

In the Yukon Territory the instructors at the Yukon Vocational and Technical Training Centre are strongly encouraged to visit plants or industrial sites in Yukon to ensure that their students are receiving skills and knowledge demanded by potential employers.

Replies have not as yet been received from the Northwest Territories or from New Brunswick, but it is likely that their updating activities may be substantially similar to the foregoing examples.

Newfoundland is in a state of transition, with funding as the major obstacle in the way of implementing a more comprehensive form of updating. The brief presented by the Newfoundland Association of Trades Instructors (N.A.T.I.) to the Parliamentary Task Force on Employment in the 80's, in part, outlines the program they are developing whereby they can participate in technical courses at various centres in the province to update and review their technical skills. Stress is placed on the need for leave at full pay, with a guarantee that the teacher's job will be kept open. It is suggested that a course of meaningful length be considered for every three years. Such courses should provide a basis for advancement and academic credit as they concern the teaching specialty of the instructor. To quote from the brief, "Emphasis has been placed over the years on 'paper' teacher qualifications, thus forcing vocational instructors into the 'pursuit of credit' game of their academic elementary and secondary school bretheren. As a result, while their teaching methods may have improved, what they teach or demonstrate has not."

It appears that those concerned with education at the provincial level are substantially in agreement with the philosophy expressed by the N.A.T.I. brief.

In Manitoba technical workshops are scheduled throughout the school year through the Program and Support Services and/or Curriculum Services, of the Department of Education. Workshops in such areas as carpentry, photography and cosmetology, etc. are held in convenient locations and usually last at least a full day. Collective agreements between the teachers and their school boards commonly make allowances for workshops and in-service training sessions, so that the teacher does not lose pay, and may be reimbursed for expenses, when the sessions are held at a distance from the home area. At least once a year the Department holds a longer in-service session of two and a half days, with an expense allowance for those teachers living away from the location of the session. The Vocational Industrial Teachers Association (VITA) shares in the planning and content. Typically speakers of stature in vocational education are engaged, and there are live demonstrations and static displays.

The Manitoba Public Schools Act allows eleven administrative days each school year. Individual schools frequently use some of these days to conduct local inservice sessions. Vocational teachers are frequently invited to attend workshops operated by manufacturers for their dealers' personnel. The fee may be nominal, or there may be no charge. Some school boards give the teachers released time and pay the expenses involved.

The University of Manitoba offers credit courses in Industry Studies, Cooperative Education for Isolated Areas, and Independent Study, which can include specific technical areas. These courses are in large measure conducted extramurally in industry. The Vocational Education Sector of the Faculty of

Education is currently surveying selected service industries, governmental agencies and manufacturing firms with over eleven employees by means of a questionnaire. This survey will identify those willing to participate in the updating of teachers. A directory will be compiled listing the firms or agencies, the contact persons, the scope and nature of the updating they can provide, and the length and timing of the training.

The Ministry of Education in Quebec has created Le Bureau des Stages, which is responsible for the training and for the updating of secondary and post secondary business and vocational industrial teachers. The view of the Bureau is that high quality vocational teaching cannot be developed without close contact with the real world of technology. It therefore offers teachers learning experiences in the world of work in close collaboration with many commercial and government enterprises. The operations of the Bureau are designed to make updating activities convenient and attractive to teachers.

Since 1969, a major task of the Bureau has been the compilation and annual revision of a directory of enterprises willing to accept teachers and capable of providing the quality of updating desired. This directory has separate categories for each type of work. In each category the enterprises are listed by name and location. A teacher applying for updating to the Bureau will be told the level of instruction, dates of currently operating courses, or convenient times for attendance, names of contact persons, tuition costs, and choice of topics where applicable. In addition to the bound directory, the Bureau distributes bulletins to advise about recent offerings, changes and the like. In the event a teacher knows of an enterprise which is not listed, but which meets his needs, and which is willing to accept him, the Bureau will make the necessary arrangements for him.

Updating can take a number of forms, but three are most common. The teacher can observe the general operation of an activity, or the specialized functions of skilled and experienced technicians, without physically taking part. A second form is the integration of the teacher into the operation of the enterprise, using tools, doing useful work and participating fully in the firm's routines. The teacher may even receive pay for his work. In the third form, the teacher engages in scholarly research. This could include analysis of the firm's operations, or examination of the ways of adapting some functions of the enterprise into a teaching program, or production of an educational product to be used by the teacher in an instructional program.

The Bureau helps the teacher select the most suitable alternative from a number of choices, and makes the actual arrangements with the enterprise. Bureau personnel supervise the actual updating experience and share in the final evaluation when it is completed. Teachers enrolled in training or updating courses offered through universities in Quebec, or who attend updating activities arranged by the Bureau can receive a bursary to cover educational fees. Money is also available to cover lodging and travel expenses if needed. Teachers are given released time to undertake updating training and continue to be paid at their normal rates of pay.

Universities in Quebec will give academic credit for updating activities of significant length when prior approval has been given. University staff will visit the enterprise to observe and discuss the studies of the teacher with the management of the enterprise. Usually a report on the project and/or an evaluation are required, or alternatively, an instructional product might be presented for evaluation. All updating activities, whether for academic credit or not, are recorded by the Ministry of Education for certification

and classification purposes, and directly benefit the teacher's career. Supply teachers are arranged to substitute for the teachers, while the teachers are assured that they will not be transferred from a teaching assignment during their absence. Some idea of the procedure involved in a typical updating experience is shown on Chart A.

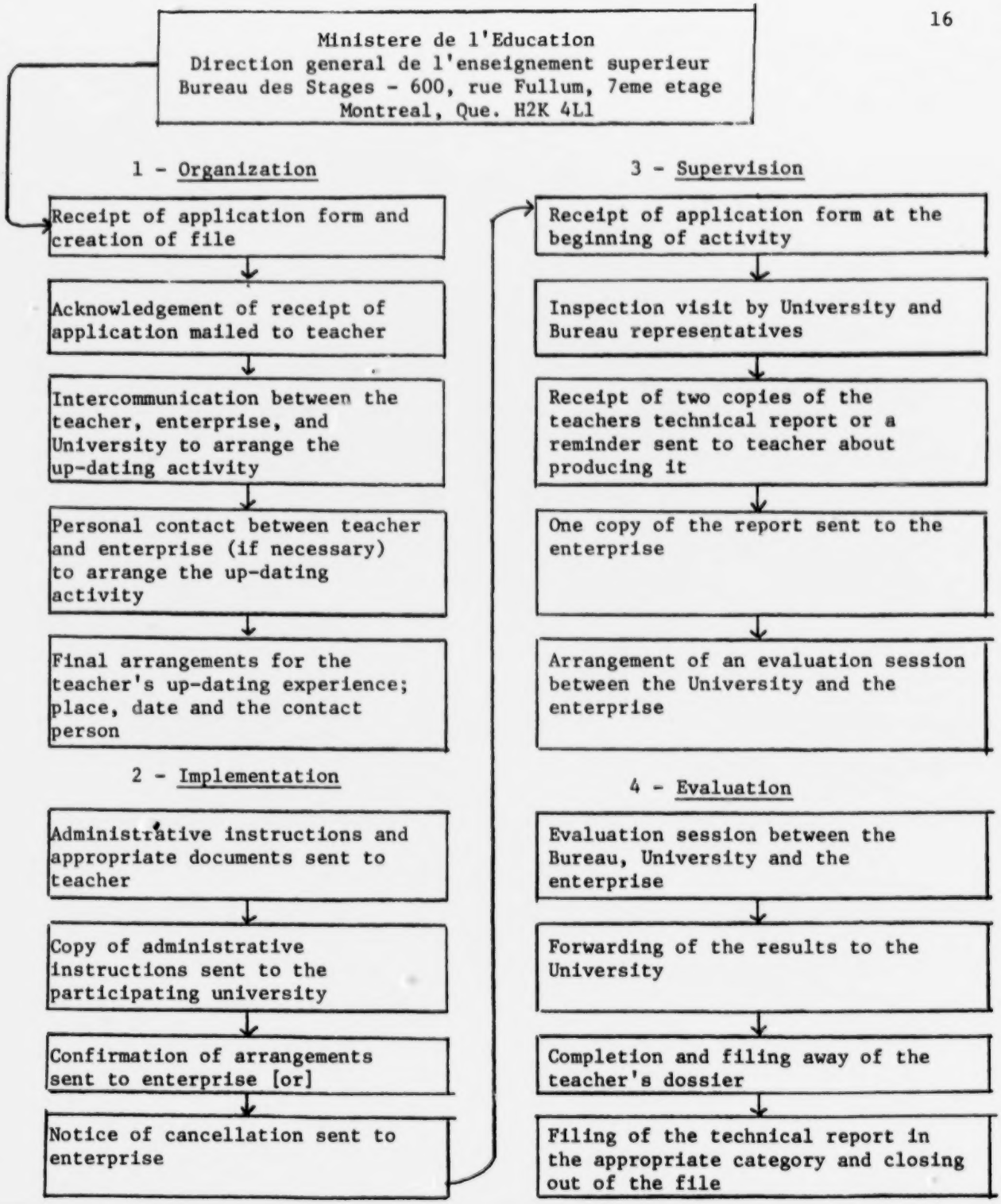

Ministere de l'Education
Direction general de l'enseignement superieur
Bureau des Stages - 600, rue Fullum, 7eme etage
Montreal, Que. H2K 4L1
1 - Organization
Receipt of application form and creation of file
Acknowledgement of receipt of application mailed to teacher
Intercommunication between the teacher, enterprise, and University to arrange the up-dating activity
Personal contact between teacher and enterprise (if necessary) to arrange the up-dating activity
Final arrangements for the teacher's up-dating experience; place, date and the contact person
2 - Implementation
Administrative instructions and appropriate documents sent to teacher
Copy of administrative instructions sent to the participating university
Confirmation of arrangements sent to enterprise [or]
Notice of cancellation sent to enterprise
3 - Supervision
Receipt of application form at the beginning of activity
Inspection visit by University and Bureau representatives
Receipt of two copies of the teachers technical report or a reminder sent to teacher about producing it
One copy of the report sent to the enterprise
Arrangement of an evaluation session between the University and the enterprise
4 - Evaluation
Evaluation session between the Bureau, University and the enterprise
Forwarding of the results to the University
Completion and filing away of the teacher's dossier
Filing of the technical report in the appropriate category and closing out of the file

Chart A
Routing Chart for an Updating Activity Involving Cooperation
Between the Bureau des Stages, University, and an Enterprise

## Major Companies Offering Assistance for the Updating of Teachers Across Canada*

This list is not exhaustive, and may unintentionally have omitted companies or organizations giving substantial assistance, but who were not identified by the authors at the time the list was compiled.

Aerospace Industries

- Air Canada, Maintenance
- Nordair, Maintenance
- Canadair
- Pratt and Whitney Aircraft of Canada
- C.A.E. Electronics
- Quebecair
- Canada Marconi
- Transport Canada

Banks

- Bank of Montreal

Food Industries

- Canada Packers
- Catelli
- Federal Experimental Stations

Forestry

- Simonds Co.

Paper and Chemicals

- Consolidated Bathurst Ltd.,
- Domtar Ltd.
- C.I.L.

* The companies identified in this list are derived, primarily, from a directory produced by Le Bureau des Stages, Province of Quebec.

Paper and Chemicals cont'd.

Gulf Canada Ltd.

Warnock Hersey Ltd.

Tioxide of Canada Ltd.

Monsanto Canada Ltd.

Imperial Oil

Shell Canada Ltd.

National Research Council

Aluminum of Canada Ltd.

Noranda Mines Ltd.

Dofasco Ltd.

Business and Information

I.B.M.

Burroughs Business Machines

Xerox Ltd.

Toronto Dominion Bank

Royal Bank

Statistics Canada

Bell Canada Ltd.

Kraft Ltd.

Singer Ltd.

Metropolitan Life

Great West Life

Sears

Electronics

Lab-Volt Ltd.

Otis Elevators Ltd.

Electronics cont'd.

Sperry Univac

Westinghouse Canada Ltd.

Bombardier Ltd.

Labatt's Breweries

Molson's Breweries

Defence Research Board

International Paper

Wabasso Ltd.

Dominion Bridge

General Foods

Phillips Cable

Scott Papers Ltd.

C.B.C. TV and Radio

Canadian National Railways

Canadian Pacific Railways

CN-CP Telecommunication

Automobiles, Trucks, Diesel

American Motors

Chrysler Corp.

General Motors of Canada

Ford of Canada Ltd.

Toyota

Volkswagen of Canada

John Deere

International Harvester

Mack Trucks

Automobiles, Trucks, Diesels cont'd.

Cummins

Johns Manville Inc.

Metals and Fabrication

Atlas Steel

Atlas Asbestos

Liquid Air of Canada Ltd.

Eutectic and Castolin Institute

Carrier Air Conditioning Canada

Honeywell Ltd.

Trane Co. of Canada Ltd.

Ingersoll Rand Ltd.

Singer Ltd.

Northern Electric

Rolls Royce (Canada) Ltd.

Celanese Canada

Sandvik Ltd.

E.B. Eddy Ltd.

PROVINCES AND TERRITORIES THAT SUBMITTED
VOCATIONAL TEACHER UPDATING INFORMATION

| Province/Territory | Person Contacted & Mailing Address |
|---|---|
| Alberta | Mr. J. D. Harder,<br>Associate Director of Curriculum,<br>Department of Education,<br>Devonian Building, West Tower,<br>11160 Jasper venue,<br>EDMONTON, Alberta T5K OL2 |
| British Columbia | Mr. Joseph Jupp,<br>Director, Career Education (Schools)<br>Ministry of Education,<br>218-835 Humboldt St.,<br>VICTORIA, B.C. V8V 2M4 |
| Manitoba | Mr. Frank Zaboroski, Coordinator,<br>Vocational Education Branch,<br>Department of Education,<br>411-1181 Portage Avenue,<br>WINNIPEG, Manitoba. R3G OT3 |
| Newfoundland & Labrador | Mr. A. vanKesteren, Director,<br>Department of Education,<br>Division of Technical & Vocational Education,<br>P.O. Box 2017,<br>ST. JOHN'S, Nfld. A1C 5R9 |
| Nova Scotia | Mr. R. V. Davies, Supervisor,<br>Vocational Education,<br>Department of Education,<br>NOVA SCOTIA. |
| Ontario | Mr. R. C. Fobert,<br>Director, Senior & Continuing Education Branch,<br>Ministry of Education,<br>Mowat Block,<br>Queen's Park,<br>TORONTO, Ontario M7A 1L2 |
| Prince Edward Island | Mr. J.E. MacCallum, Manager,<br>Institutional Training,<br>Department of Labor,<br>P.O. Box 2000,<br>141 Kent Street,<br>CHARLOTTETOWN, P.E.I. C1A 1N8 |

| Province/Territory | Person Contacted & Mailing Address |
|---|---|
| Quebec | Mr. Charles B. Martineau, Director,<br>Bureau des Stages,<br>Ministere de l'Education,<br>600, Rue Fullum, le etage,<br>MONTREAL, P.Q. H2K 4L1 |
| Saskatchewan | Mr. J.R. Edwards,<br>Consultant, Industrial Arts and Technical Education,<br>Dept. of Education,<br>3130 8th St. East,<br>SASKATOON, Saskatchewan. S7H OW2 |
| Yukon | Dr. E.L.R. Lidster,<br>Program Planning and Development Officer,<br>Department of Education,<br>Box 2703,<br>WHITEHORSE, Yukon. Y1A 2C6 |

## RESEARCH METHODOLOGY

This section briefly outlines the sample design, questionnaire design, data collection, and results.

### Sample Design

In order to achieve a representative sample of Manitoba employers, the following documents served as the basis for respondent identification and selection: Manitoba Trade Directory (1980): Winnipeg Telephone Directory (1980); and the Manitoba Provincial Telephone Directory (1980). In compiling the listing, it was decided to include only manufacturers with 11 or more employees from the Manitoba Trade Directory on the basis that small manufacturers are likely to have limited professional/technical updating opportunities for vocational education teachers. 806 firms were identified. In order to obtain input from service industries, 295 additional companies were selected from the Greater Winnipeg and Manitoba Provincial Telephone Directories. A complete listing of firms in alphabetical order is provided in Appendix A.

Self-addressed mail questionnaires were sent to the personnel departments of each of the firms/companies, along with a brief cover letter (see Appendix C) designed to promote interest in the study and speed the return of a completed questionnaire.

### Questionnaire Design

Content for the survey questionnairewas based upon prior research and review of current practices. From prior research which was reviewed in the literature, and especially the studies of Quebec Ministry of Education (1975), and Dieffenderfer, Kopp and Cap (1977), a pool of information was assembled.

The questionnaire was designed to: identify interested firms, secure information about the firms, identify accessible areas, types of activity, and estimate of time (see Appendix C).

Preliminary drafts of the cover letter and questionnaire were subjected to two graduate Research and Development classes (81.514 Seminar in Business Education and 81.530 Research and Development in Industrial Education) at the University of Manitoba, a panel of judges, and a formal pilot test for critical review. The persons serving as the panel of judges were:

| | |
|---|---|
| - Mr. Frank Zaboroski | Co-ordinator<br>Vocational Education Branch<br>Manitoba Department of Education |
| - Mr. Paul Vouk | Vocational/Industrial and Cooperative Education Consultant<br>Manitoba Department of Education |
| - Ms. Isabella Dryden | Consultant, Business Education<br>Manitoba Department of Education |
| - Dr. George Porozny | Associate Professor and Business Education Coordinator<br>Faculty of Education<br>University of Manitoba |

The pilot test materials were administered to a selected group of 15 firms. An analysis of this effort indicated the questionnaire was probably too long and detailed, and the terminology used needed clarification. Based upon the results, a revised questionnaire was printed. The questionnaire and supporting material was mailed to the 1101 firms in the second week of June, 1981.

## Findings of the Survey

Regrettably, the intervention of the Post Office's labour difficulties prevented most of the firms from making an immediate reply. It was necessary to delay completion of the report until they could do so. A second mailing of the questionnaire and a new covering letter was prepared and this material was forwarded to the non-respondents.

A total of 1101 firms were sent the survey material for this study. A number of the respondents replied in a positive manner and expressed interest in the project; however, because of the current economic difficulties, they were not able to assist at this time. Other questionnaires were returned because of address changes, out-of-business situations, etc.

Selection of participating firms was based solely upon interest in facilitating access to business and industrial sites. Firms responding in this favourable manner can be located in Appendix E. At this stage no attempt has been made to categorize the firms, according to types of business or industry. Each reference to a firm includes the firm's name, address, postal code, telephone number, as well as the name and position of the contact person within the firm.

## Summary

The survey has resulted in the preliminary identification of 50 Manitoba business and industrial establishments that are willing to receive business and vocational/industrial teachers who are interested in professional/technical updating. These responses are encouraging and reflect a desire to cooperate and a willingness to make some effort to assist in improving the quality of vocational education in Manitoba.

## Conclusion

The following conclusions have been drawn from this study:

1. Fifty businesses and industries expressed interest in collaborating in the professional/technical updating of teachers.
2. These businesses and industries have identified suitable access areas, types of activities and their most suitable periods for updating activities of business and vocational/industrial teachers.

3. Responses from Provinces and Territories indicated a common concern and awareness of the professional/technical updating problem.
4. Two cooperative updating activities (one in the university setting and the second in industry) proved to be very successful for student teachers, industry and the Faculty of Education.

A final conclusion to be drawn from this preliminary study is that there is a need to explore viable and practical solutions to a problem that is clearly universal in vocational education, namely, the need periodically to update the experienced teacher's skills and knowledge.

In Canada the single greatest obstacle to effective updating appears to be the frequent lack of an administrative structure to provide information, assistance, funding for updating, and policy guidelines for the awarding of academic and classification credits.

Recommendations:

1. A provincial agency or bureau be mandated to: (1) organize professional/technical development activities in business and industry for all vocational secondary teachers, (2) expand the roster of cooperating firms by incorporating other site identification techniques such as personal contact procedures, and (3) participate in the evaluation of such activities.
2. A listing of firms willing to participate in vocational/technical updating be prepared, be revised annually, and be made available to all vocational/industrial and business education teachers wishing to update their skills and knowledge.

## BIBLIOGRAPHY

Quebec Ministry of Education, Annuaire des Stages. Quebec, Province de Quebec: Bureau des Stages, 1980.

Cap, Orest and Kopp, Lee, Business/Industry/Labour and Personnel Development in Vocational Education. Columbus, Ohio: The Center for Vocational Education, Ohio State University, 1977.

## APPENDIX A

Listing of Manitoba Firms

K. Smith, President,
ABC Filing and Business
Systems Ltd.,
1826 Grant Avenue,
Winnipeg, Man. R3N ON3

K. R. Yates, President,
A.E.I. Telecommunications
(Canada) Limited,
419 Notre Dame Avenue,
Winnipeg, Man. R3B 1R3

R. Makarowski, Dist. Sales Mgr.
A.M. International Inc.,
720 Broadway Avenue,
Winnipeg, Man. Box 1378.
R3C 2Z2

G. Wroblewski, Gen. Mgr.,
Arm Industries Inc.,
P. O. Box 684,
Brandon, Manitoba.
R7A 5Z7

Arno Swiridjuk, Vice-Pres.
Abesco Ltd.,
566 Dobbie Avenue,
Winnipeg, Manitoba.
R2K 1G4

R. H. Anderson, Works Mgr.,
Abex Industries Ltd.,
35 Mercy Street,
Selkirk, Manitoba.
R1A 1N5

J. L. Carson, Mill Mgr.,
Abitibi Paper Company Ltd.,
Manitoba Paper Division,
Pine Falls, Man.
ROE 1MO

L. Davies, Manager,
Accurate Glass Ltd.,
666 Nairn Avenue,
Winnipeg, Man. R2L OX5

G. Johnson, President,
Ace Auto Electric Ltd.,
361 Logan Avenue,
Winnipeg, Man. R3A OP8

G. M. Ubell, Vice-Pres.,
Acme Bedding & Furniture Co.,
450 Sheppart Street,
Winnipeg, Man.
R2X 2P8

T. J. Clark, President,
Acme Chrome Furniture Ltd.,
211 Hutchings Street,
Winnipeg, Man.
R2X 2R4

R. Pesochin, President,
Acme Garment Co. 1975 Ltd.,
155-157 Alexander Avenue,
Winnipeg, Manitoba.
R3B OL5

H. Brown, President,
Acme Produce Co. 1969 Ltd.,
525 Jarvis Avenue,
Winnipeg, Man.
R2W 3A8

P. Chaikowsky,
Acme Ventian Blind,
1038 Magnus Avenue,
Winnipeg, Manitoba.
R2X ON5

W. J. Whaley, President,
Acme Welding & Supply (77) Ltd.,
407 McDermot Avenue,
Winnipeg, Man. R3A 0A8

A. Frieman, President,
Advance Video Systems Ltd.,
576 Wall Street,
Winnipeg, Man.
R3G 2T4

D. B. Smerchanski, Gen. Mgr.,
Aerofoam Chemicals,
2485 Day Street,
Winnipeg, Manitoba.
R2C 2X5

H. Wagner, Manager,
Aetna Garment Co. Ltd.,
122-10 Avenue NW,
Altona, Manitoba.
ROG OBO

I. G. Holowinsky, President,
Ajax Equipment Ltd.,
1354 Waverley Street,
Winnipeg, Manitoba.
R3T OP5

H. M. Lytle, President,
Alcan-Price Extrusions Ltd.,
639 Golspie Street,
Winnipeg, Manitoba.
R2K 2V2

J. Ferencz, President,
All-Canadian Emblem Corp.
6th fl, 39 Princess Street,
Winnipeg, Man. R3B 1K1

A. Owen, Manager,
All-Fab Building Components Ltd.
1755 Dugald Rd.,
Winnipeg, Man. R2J OH3

M. H. Gillman, President,
Allied Auto Parts Ltd.,
1911 King Edward Street,
Winnipeg, Man.
R2R ON3

D. Gardiner, Gen. Mgr.,
Allied Farm Equipment (Man.)Ltd.
50 Panet Road, P.O. Box 1003,
Winnipeg, Man.
R3C 2W5.

S. W. Shum, Manager,
Allied Pioneer Industries Ltd.,
Bay 1 - 1249 Clarence Avenue,
Winnipeg, Manitoba.
R3T 1T4

M. Kelm, President,
Altra Steel Ltd.,
1388 Waller Avenue,
P.O. Box Fort Whyte.
ROG ORO

C. R. McBain, President,
Ancast Industries Ltd.,
1350 Saskatchewan Ave.,
Winnipeg, Manitoba.
R3E OL2

T. R. Dunsmore, Manager,
Anchor Industries Ltd.,
718 - 1st Street,
Brandon, Manitoba.
R7A 2X4

J. Lloyd, Manager,
Andres Wines Ltd.,
200-155 Carlton Street,
Winnipeg, Man.

G. J. Purdy, Manager,
Applied Hydraulics Co.,
865 Wall Street,
Winnipeg, Manitoba.
R3G 2T9

Frank Gandy, Manager,
ARC Industries,
903 King Edward Street,
Winnipeg, Man.
R3H OP8

E. Kostuchuk,
Arctic Beverages Ltd.,
314 Green Street,
Flin Flon, Manitoba.
R8A OH2.

F. Peters, Manager,
Arctic Drink Mfg. Co.,
862 Selkirk Avenue,
Winnipeg, Manitoba.
R2X OB7

G. C. Kerr, President,
Arctic Ice Co. Ltd.,
430 Longside Street,
Winnipeg, Manitoba.
R3B 2T5

S. G. Atkins, President,
Armadillo Holding Ltd.,
65 Trottier Bay,
Winnipeg, Manitoba.
R3T 3R3.

H. M. Lloyd, Br. Manager,
Armco Canada Ltd.,
41 Higgins Avenue,
Winnipeg, Manitoba.
R3B OA8

Henry Armstrong, President,
Armstrong, Henry, Instant
Printing Limited,
250 Main Street,
Winnipeg, Manitoba. R3C 1A9

A. W. Doucette, President,
Arne's Welding Ltd.,
835 Mission Street,
Winnipeg, Man.
R2J OA4

J. Gerelus, Gen. Manager,
Arnold Manufacturing Ltd.,
Rivers, Manitoba.
ROK 1KO

L. Smith, President,
Art Gems Productions Ltd.,
951 McLeod Avenue,
Winnipeg, Man.
R2G OY4

D. A. Samuels, President,
Artek Systems,
1041 - 1049 Erin Street,
Winnipeg, Manitoba.
R3G 2X1

S. Larry, Gen. Manager,
Arthur Street Fashions Ltd.,
4th Floor, Silpit Building,
70 Arthur Street,
Winnipeg, Man. R3B 1G7

D. S. McCarthy, Br. Manager,
Asbestonos Corporation Ltd.,
80 George Avenue,
Winnipeg, Manitoba.
R3B OK1

E. Siegmund,
Assoc. Crown & Bridge Lab. Ltd.,
201 - 407 Graham Avenue,
Winnipeg, Manitoba.
R3C OL3

E. Lowen, President,
Astro Industrial Machine Ltd.,
616 Provencher Blvd.,
Winnipeg, Manitoba.
R2J OC3

B. Mason, Manager,
Atco Structures Ltd.,
81 Lawson Crescent,
Winnipeg, Manitoba.
R3P OT3

R. M. Stephenson, Vice-Pres.
Atlas-Graham Industries Co. Ltd
576 McDermot Avenue,
Winnipeg, Manitoba.
R3A OC4

C. W. Coburn, Manager,
Atom-Jet Industries Ltd.,
2110 Park Avenue,
Brandon, Manitoba.
R7B OR9

C. Hamoline,
Auntie Claire's Toys,
877 Westminster Avenue,
Winnipeg, Manitoba,
R3G 1B3

R. Dwornick, Manager,
Autoline Products Ltd.,
675 Golspie Street,
Winnipeg, Manitoba.
R2K 2V2

J. P. Wiebe, President,
Automotive Accessory Co. Ltd.,
771 Main Street,
Winnipeg, Manitoba.
R2W 3N5

R. Lawrence, Manager,
Ayerst Organics Ltd.,
720 - 17th St. East,
Brandon, Manitoba.
R7A 5Z9

G. H. G. Heal, Manager,
B. C. Pea Growers Ltd.,
P. O. Box 336,
Portage la Prairie, Manitoba.
R1N 3B7

W. E. Beddome, President,
B/W Type Service Ltd.,
61 Gertie Street,
Winnipeg, Manitoba.
R3A 1B5

D. S. Baker, President,
Baker & Sons Ltd.,
495 Berry Street,
Winnipeg, Manitoba.
R3J 1N6

John Watkin, President,
Banbury Cross Ageless Toys,
43 Albert Street,
Winnipeg, Manitoba.
R3B 1G3

S. Edgar, Manager,
Barber-Ellis Division of
Barbecon Inc.,
11 Saulteaux Street,
Winnipeg, Manitoba. R3J 3V7

L. P. Barkman, President,
Barkman Concrete Ltd.,
Lumber Ave. & #12 Highway,
Steinback, Manitoba.
ROA 2AO

A. Colonello, President,
Bay Bronze Industries Ltd.,
2200 Logan Avenue,
Winnipeg, Manitoba.
R2R OJ2

A. K. Kadina, Gen. Manager,
Behlen-Wickes Company Ltd.,
927 Douglas Street,
P. O. Box 1120,
Brandon, Manitoba. R7A 6A4

A. H. Shiels, President,
Belle Sign Co. Ltd.,
908 William Avenue,
Winnipeg, Manitoba.
R3E OZ8

J. Benstead, Gen. Manager,
Benco Component Industries Ltd.
1040 Richmond Avenue,
Brandon, Manitoba.
R7A 1M6

A. Wiebe, Manager,
Berdick Man. Manitoba Ltd.,
P. O. Box 1059,
Winkler, Manitoba.
ROG 2XO

J. Berger, President,
Berger, Jack, Ltd.,
448 Hargrave Street,
Winnipeg, Manitoba.
R3A OX5

D. Porter, President,
Berkley & Co. (Canada) Ltd.,
815 Phillips Street,
Portage la Prairie, Manitoba.
R1N 3C5

M. Schachter, President,
Bessborough Merchandisers Ltd.,
663 Main Street,
Winnipeg, Manitoba.
R3B 1E3

H. Best, President,
Best, Herb, Beef, Ltd.,
500 Dawson Rd. N.,
Winnipeg, Manitoba.
R2J OT1

A. W. Howell, Gen. Manager,
Bettseastman Limited,
8-2130 Notre Dame Avenue,
Winnipeg, Manitoba.
R3H OK1

D. Laing, General Manager,
Beverage Services Ltd.,
1228 Victoria Avenue E.,
Brandon, Man. P.O. Box 975,
R7A 5Z9

R. Bigar, President,
Biggar Industries Ltd.,
401 Chrislind Street,
Box 248,
Transcona, Manitoba. R2C 2Z9

D. S. Baker, President,
Birt Printing,
495 Berry Street,
Winnipeg, Manitoba.
R3J 1N6

W. M. Thompson, President,
Birt Saddlery Co. Ltd.,
468-474 Main Street,
Winnipeg, Manitoba.
R3B 1B6

G. B. Gray, President,
Blackwoods Beverages (1965) Ltd
1850 Ellice Avenue,
Winnipeg, Manitoba.
R3H OB8

L. L. Bryson, Vice-President,
Boeing of Canada Ltd.,
99 Murray Park Road,
Winnipeg, Manitoba.
ReJ 3M6

D. C. Thomson,
Br. Manager, Bogardus, Wilson
Ltd.,
121 Plymouth Street,
Winnipeg, Manitoba.

B. Cuthbertson, Manager,
Bonar & Bemis Ltd.,
311 Alexander Avenue,
Winnipeg, Manitoba.
R3A OM9

C. Toffoli, President,
Bonnson Sportswear Co. Ltd.,
112 Market Avenue E.,
Winnipeg, Manitoba.
R3B OP4

R. Wiese, President,
Bonwitt Manufacturing Ltd.,
49 Adelaide Street,
Winnipeg, Manitoba.
R3A OV8

T. C. Smerchanski, Manager,
Border Chemical Subsidiary of
Border Fertilizer Ltd.,
P. O. Box 100,
Transcona P.O., Man. $2C 2Z9

M. G. Smerchanski, President,
Border Fertilizer (1972) Ltd.,
P. O. Box 100,
Transcona P.O., Winnipeg.
R2C 2Z9

D. Borys, President,
Border Glass & Aluminum Ltd.,
10 Keenleyside Street,
Winnipeg, Manitoba.
R2L 2B9

M. J. Moore, Pres. & Gen. Mgr.
Borton's Sales & Saw Service,
1087 Thomas Avenue,
Winnipeg, Manitoba.
R2L 2C1

George A. Doan, Gen. Mgr.
Bothwell Co-operative Dairy Society Ltd.,
Box 119,
New Bothwell, Man. ROA 1CO

Keith Bowes, President,
Bowes Mobile Homes Ltd.,
P. O. Box 640,
Portage la Prairie, Man.
R1N 3C2

Graham Newton, Gen. Mgr.,
Bradley, F. G. Co. Ltd.,
389 Sutherland Avenue,
Winnipeg, Manitoba.
R2W 3G3

A. Powis, Pres. & Gen. Mgr.,
Bramer Machine Shop Ltd.,
18 Stapleton Street,
Winnipeg, Manitoba.
R2L 1Z9

L. D. Whitehead, Pres.
Brandon Sun,
501 Rosser Avenue,
Brandon, Manitoba.
R7A 5Z6

J. Billings, Gen. Mgr.,
Bridge and Tank Western,
50 Vulcan Avenue,
Winnipeg, Manitoba.
R2G 1B6

W. M. Auld, President,
Bristol Aerospace Limited,
660 Berry Street, P.O. Box 874,
Winnipeg, Manitoba.
R3C 2S4

F. Guthrie, Manager,
Bristol-Myers Products Canada,
835 Marion Street,
Winnipeg, Manitoba.
R2J OK6

O. Swanson, W. Reg. Manager,
Brooke Bond Foods Limited,
334 McDermot Avenue,
Winnipeg, Manitoba.
R3A OA5

A. R. Brooker, Pres. & Mgr.,
Brooker Window Ltd.,
633 Tyne Avenue,
Winnipeg, Manitoba.
R2L 1J5

J. Gutkin, Pres. & Gen. Mgr.,
Brown & Rutherford Ltd.,
5 Sutherland Avenue,
Winnipeg, Manitoba.
R2W 3B6

Saul Youssiem, President,
Brown Fashions Ltd.,
70 Arthur Street,
Winnipeg, Man.
R3B 1G7

B. Brownstone,
Brownstone Furs Ltd.,
5th floor, 167 Bannatyne Ave.,
Winnipeg, Manitoba.
R3B OR4

G. Patenaude, President,
Builders Furniture Ltd.,
695 Washington Avenue,
Winnipeg, Manitoba.
R2K 1M4

J. J. Thorpe, Manager,
Building Products of Canada Ltd.
2 Point Douglas Avenue,
Winnipeg, Man. Box 99.
R3C 2G7

Richard D. Rosenblat, Pres.
Building Products & Concrete Supply,
111 Gilroy Street,
Winnipeg, Man. R3C 2H5

T. D. Bulloch, Pres. & Gen. Mgr.
Bulloch, T. Co. Ltd.,
1079 Wellington Avenue,
Winnipeg, Manitoba.
R3E OJ8

J. F. Minke, President,
Bulman Bros. Ltd.,
61 Gertie Street,
Winnipeg, Manitoba.
R3A 1B5

N. Palylyk, Manager,
Burns Meats Limited,
P. O. Box 70,
Winnipeg, Manitoba.
R3C 2G5

E. Trost, Gen. Manager,
Burroughs Business Machines Ltd.
51 Burmac Road,
Winnipeg, Manitoba.
R3C 2P7

M. M. McKnight, President,
CEA, Simon-Day Ltd.,
1425 Whyte Avenue, Box 488,
Winnipeg, Manitoba.
R3C 2J6

J. J. Collett, Manager,
C.H.E. Services Ltd.,
East-End Union Stockyards,
Winnipeg, Manitoba.
R2J OK5

N. Buhr, General Manager,
CSP Foods Ltd.,
Box 750,
Altona, Manitoba.
ROG OBO

Wilfred Piche, Gen. Manager,
Cadorath Plating Co. Ltd.,
1438 Church Avenue,
Winnipeg, Manitoba.
R2X 1G4

D. R. Woolley, Vice-Pres.,
CAE Aircraft Ltd.,
P. O. Box 1700,
Winnipeg, Man.
R3C 2Z8

D. Caligiuri, President,
Calpino Woodworking & Paddle Mfg.,
519 Osborne Street,
Winnipeg, Man. R3L 2A9

G. Paquet, Manager,
Calvert of Canada Limited,
Box 149,
Gimli, Manitoba.
ROC 1BO

J. Freed, Gen. Manager,
Cambrian Clothing Ltd.,
474 Hargrave Street,
Winnipeg, Manitoba.
R3A OX6

R. B. Campbell, President,
Camco Redboine Ltd.,
625 Wall Street,
Winnipeg, Manitoba.
R3G 2T5

S. P. Oliver, Manager,
Campbell Soup Co. Ltd.,
Portage la Prairie, Man.
R1N 3C7

J. A. Hagemeister, Dist. Mgr.
Canada Cement LaFarge Ltd.,
338 Broadway Avenue,
Winnipeg, Manitoba.
R3C OT3

J. B. Forsyth, President,
Canada Foam Ltd.,
105 Maple St. North,
Winnipeg, Manitoba.
R2W 3L7

J. D. Macgillivray, Manager,
Canada Malting Co. Ltd.,
210, 153 Lombard Avenue,
Winnipeg, Manitoba.
R3B OT4

J. A. Lucas, Manager,
Canada Metal Company Ltd.,
1221 St. James Street,
Winnipeg, Man.
R3H OK9

C. Maltais, Manager,
Canada Packers Limited,
660 Marion Street,
Winnipeg, Manitoba.
R2J OK4

M. Chochinov, Gen. Manager,
Canada Paper Stock Co.,
150 Sutherland Avenue,
Winnipeg, Manitoba.
R2W 5R4

Lennox K. Harris, Gen. Mgr.,
Canada Photo Co.,
260 Edmonton Street,
Winnipeg, Manitoba.
R3C 1R9

W. F. Griffiths,
Manager,
Canada Safeway Ltd.,
P. O. Box 250,
Winnipeg, Man. R3C 2H4

A. Blank, President,
Canada Waste Paper Co. Ltd.,
105 Maple St. N.,
Winnipeg, Manitoba.
R2W 3L1

W. M. Moarby, President,
Canada West Shoe Man. Co. Ltd.,
270 Hutchings Street,
Winnipeg, Manitoba.
R2X 2R5.

T. Cantafio, Dist. Manager,
Canada Wire and Cable Ltd.,
900 Bradford Street,
Winnipeg, Manitoba.
R3H ON5

Sig. Maurmann, President,
Canadian-Anglo Machinery &
Equipment Corp. (1978),
1061 Notre Dame Avenue,
Winnipeg, Man. R3E ON4

E. A. Kozicki, President,
Canadian Bronze Co. Ltd.,
15 Bury Street,
Winnipeg, Manitoba.
R3E 2X7

D. B. Tait, Chief Exec. Off.
Canadian Co-operative Implements
770 Pandora Avenue E.,
Winnipeg, Manitoba.
R2C 3N1

L. L. Staley, Manager,
Can. Gypsum Co. Ltd.,
421 Archibald Street,
Winnipeg, Man.
R2J OX2

Personnel Manager,
Canadian Industries Ltd.,
1199 St. James Street,
Winnipeg, Man. P. O. Box 965.
R3C 2V5

R. V. Roberts, Area Manager,
Canadian Liquid Air Ltd.,
1650 Field Street,
Winnipeg, Manitoba.
R3E 3H8

G. D. Cousens, Bus. Mgr.,
Can. National Institute for the
Blind,
1031 Portage Avenue,
Winnipeg, Man. R3G OR9

D. W. Mitchell, Br. Manager,
Can. Pittsburgh Industries,
1060 Arlington Street,
Winnipeg, Manitoba.
R3E 2G3

M. Ostrow, President,
Can. Publishers Co. Ltd.,
55 Dunlop Avenue,
Winnipeg, Man.
R2X 2V2

G. A. Rogers, Gen. Mgr.,
Can. Rogers Western Ltd.,
1109 Winnipeg Avenue,
Winnipeg, Manitoba. Box 669.
R3C 2K8

J. Mazo, Manager,
Canadian Shirt & Overall Mfg.
4th floor, Glengarry Bldg.,
290 McDermot Avenue,
Winnipeg, Man. R3B OT2

M. Dash, President,
Can. Sportswear (1973) Ltd.,
70 Arthur Street,
Winnipeg, Manitoba.
R3B 1G7

J. E. Harrison, President,
Canadian Steel Tank Ltd.,
20th St. & Pacific Avenue,
Brandon, Manitoba.
R7A 5Z7

J. W. Gatschuff, President,
Canadian Tool & Die Ltd.,
1331 Chevrier Blvd.,
Winnipeg, Manitoba.
R3T 1Y4

P. Cancade, Gen. Manager,
Cancade & Company Ltd.,
1140 Richmond Avenue,
Brandon, Man. Box 698
R7A 5Z8

J. Starrett, Mgr. & Purch. Agent
Canvin Products Ltd. ,
109 Higgins Avenue,
Winnipeg, Manitoba.
R3B OB5

H. Kowalchuk, Gen. Manager,
Capital Lumber Co. Ltd.,
92 Higgins Avenue,
Winnipeg, Manitoba.
R3B OB2

Y. Furutani, President,
Career Apparel,
43 Westbrook Street,
Winnipeg, Manitoba.
R3B OZ5

R. Murray, President,
Cargill Grain Company Ltd.,
500 Grain Exchange Bldg.,
167 Lombard Avenue,
Winnipeg, Man. R3B OV4

A. Phazacklea, Gen. Manager,
Carling O'Keefe of Canada Ltd.,
1149 Main Street,
Winnipeg, Man.
R2W 3S5

J. A. Nicholson, Gen. Manager,
Carnation Foods Co. Ltd.,
P. O. Box 70,
Carberry, Man.
ROK OHO

J. K. Holland, President,
Carte Electric Ltd.,
1995 Logan Avenue,
Winnipeg, Manitoba.
R2R OH8.

H. Schlamp, Br. Manager,
Casselman Co. Ltd.,
Variety Mills Supply,
85 Paramount Road,
Winnipeg, Man. R2X 2W6

M. Rodin, President,
Central Grain Co. Ltd.,
172 Archibald Street,
Winnipeg, Manitoba.
R2R OH8

R. J. Dick, President,
Central Graphic Reproductions,
500 Hargrave Street,
Winnipeg, Manitoba.
R3A OX7

O. Soloway,
Central Optical Co.,
Room 1, 394 Graham Avenue,
Winnipeg, Manitoba.
R3C OL4

J. Derzko, Manager,
Central Products & Foods Ltd.,
630 Nairn Avenue,
Winnipeg, Manitoba.
R2L OX5

M. Hirsch, President,
Central Sportswear Mfg. Co. Ltd.,
310 Ross Avenue,
Winnipeg, Manitoba.
R3A OL4

R. Fotti,
Centurion Sound & the Great
Stereo Dance Show,
1224 Sherwin Road,
Winnipeg, Man. R3H OV3

Earl Pitch, Gen. Manager,
Century Craft Limited,
530 Sheppard Street,
Winnipeg, Man.
R2X 2P8

M. Hoch, President,
Century '21 Apparels Ltd.,
263 Stanley Street,
Winnipeg, Manitoba
R3A OW8

J. Sloboda, President,
Ceramic Greenhouse Ltd.,
31 Trottier Bay,
Winnipeg, Manitoba.
R3T 3R3

B. M. Shepherd, President,
Chalmers Auto Truck & Body
Works Ltd.,
349 Nairn Avenue,
Winnipeg, Man. R2L OW8

S. Charison, President,
Charison's Turkey Hatchery Ltd.
Box 4, Gunton, Manitoba.
ROC 1HO

F. J. Lindenschmidt, Vice-Pres.
Chicago Blower Canada Ltd.,
901 Regent Avenue W.,
Winnipeg, Manitoba.
R2C 2Z8

K. A. Fraser, President,
Christie School Supply Ltd.,
705 Pacific Avenue,
Brandon, Man. P. O. Box 400,
R7A 5Z2

H. Schwan, Gen. Manager,
City Bread Co. Ltd.,
238 Dufferin Avenue,
Winnipeg, Manitoba.
R2W 2X6

J. Patrick, President,
City Centre Woodworking Ltd.,
994 Wall Street,
Winnipeg, Man.
R3G 2V3

Dave Kells, President,
Claude Neon Limited,
1695 Sargent Avenue,
Winnipeg, Manitoba.
R3H OC4

S. Zoppa, Gen. Manager,
Clay Law Ltd.,
62 Albert Street,
Winnipeg, Manitoba.
R3B 1E9

Mr. Perrin,
Clayton, Randy, Co. Ltd.,
500 Berry Street,
Winnipeg, Manitoba.
R3J 1N9

J. Fast, President,
Cloverfield Bee Supplies Ltd.,
Kleefeld, Man.
ROA OVO

B. M. Robinson, Gen. Manager,
Coca-Cola Ltd.,
1331 Inkster Boulevard,
Winnipeg, Manitoba.
R2X 1P6

N. L. Coghlan, President,
Coghlan's Ltd.,
235 Garry Street,
Winnipeg, Manitoba.
R3C 1H2

M. Cohn, President,
Cohn, D., Trans-Canada Ltd.,
367 Poplar Avenue,
Winnipeg, Manitoba.
R2L OK1

Sandord Petersen, Plant Supt.,
Cold Spring Granite (Can.) Ltd.
Box 730,
Lac du Bonnet, Man.
ROE 1AO

N. Tomlinson, Vice-President,
Coldstream Products of Canada,
1855 Sargent Avenue,
Winnipeg, Manitoba.
R3H OE3

F. D. Scherer, Manager,
Columbia Printers,
358 Ross Avenue,
Winnipeg, Manitoba.
R3A OL4

S. Lomanski, Cr. Manager,
Columbia Tire (Man.) Ltd.,
148 Bell Avenue,
Winnipeg, Manitoba.
R3L OH9

A. Dyck, Jr., Gen. Manager,
Comfort Furniture,
170 Vulcan Avenue,
Winnipeg, Manitoba.
R2G 1B6

E. H. Chippendale, President,
Commercial Plating Ltd.,
590 Kind Edward Street,
Winnipeg, Man.
R3H OP1

D. Pollock, Manager,
Commerical Stationers Ltd.,
1375 Portage Avenue,
Winnipeg, Man.
R3G OV8

D. Pickersgill, Gen. Manager,
Con-Force Limited,
Box 3599, Station B.,
Winnipeg, Manitoba.
R2W 3R4

Don Beettam, Gen. Manager,
Consolidated Bathurst Packaging
Box 42, Norwood Grove PO,
Winnipeg, Man. R2H 3B9

J. Meronek, Pl. Supt.,
Continental Group of Canada Ltd.
Metal Plant
955 Lagimodiere Blvd.,
Winnipeg, Manitoba. R2J OV1

K. Harman, Manager,
Continental Group of Canada Ltd.
531 Golspie Street,
Winnipeg, Manitoba.
R2K 2T9

K. Godden, Gen. Manager,
Controlled Environments Ltd.,
1461 St. James Street,
Winnipeg, Man.
R3H OW9

J. Rudnick, Sales Mgr.,
Cook Electric Company of Can.
2110 B Notre Dame Ave.,
Winnipeg, Manitoba.
R3H OK1

David Tait, Exec. Officer,
Co-op Implements,
770 Pandora Avenue E.,
Winnipeg, Manitoba.
R2C 3N1

Mrs. V. Biebrach, Manager,
Courier Press Limited,
955 Alexander Avenue,
Winnipeg, Manitoba.
R3C 2X8

G. A. Nicholas, Gen. Manager,
Cowin Steel Co. Ltd.,
1137 Pacific Avenue,
Winnipeg, Manitoba.
R3E 1G7

L. D. Williams, President,
Creamette Company of Canada Ltd.
303 Stanley Street,
Winnipeg, Manitoba.
R3A OX1

G. T. Barnson, Manager,
Crescent Creamery Division of
Modern Dairies Ltd.,
542 Sherburn Street,
P. O. Box 338, Winnipeg, Man.

R. Swiderek, President,
Crest Art Manufacturers Ltd.,
275 Selkirk Avenue,
Winnipeg, Manitoba.
R2W 2L5

J. Frank, Manager,
Crown Cap Mfg. Co. Ltd.,
310 Ross Avenue,
Winnipeg, Manitoba.
R3A OL4

Mr. R. Dyck, Manager,
Crown Zellerbach Flex-Pak Ltd.,
1088 Waverley Street,
Winnipeg, Manitoba.
R3T OP4

M. Freed, President,
Custom Abattoir Ltd.,
500 Dawson Road S.,
Winnipeg, Manitoba.
R2J OT1

B. Bruce, General Manager,
Custom Profile Extrusions Ltd.,
53 Bannister Road,
Winnipeg, Manitoba.
R2R OP2

D. R. Hicks, Manager,
Cutting Limited,
5 Otter Street,
Winnipeg, Manitoba.
R3T OM7

F. G. Ellis, President,
D.A.W. Steel Products Ltd.,
P. O. Box 1052
Winnipeg, Manitoba.
R3C 2X4

D. Balanyk, President,
D.R.B. - 39-11 Davidson Avenue East,
Dauphin, Manitoba.
R7N OC5

G. F. Lenton,
DRG Globe Envelopes,
1221 Inkster Blvd.,
Winnipeg, Manitoba.
R2X 1P4

Mrs. F. Landry, President,
Dadson Manufacturing Ltd.,
1359 Spruce Street,
Winnipeg, Manitoba.
R3E 2V8

D. Khadivi, Manager,
Dalzell & Potts Ltd.,
44 Princess Street,
Winnipeg, Manitoba.
R3B 1K2

T. Duffy, General Manager,
Dashwood Industries Ltd.,
688 Mission Street,
Winnipeg, Manitoba.
R2J OA3

Robert Gilroy, Manager,
Dauphin Herald Co. Ltd.,
16-2nd Avenue N. W.
Dauphin, Manitoba.
R7N 1H2

Peter Vanderswatt, President,
Dauphin Meat Processors,
Industrial Road,
Dauphin, Manitoba.

L. S. Lysch, General Manager,
Dawn Plastics Ltd.,
1535 Seel Avenue,
Winnipeg, Manitoba.
R3T 1C6

A. A. DeFehr, President,
DeFehr, A.A., Mfg. Ltd.,
55 Vulcan Avenue,
Winnipeg, Manitoba.
R2G 1B9

R. J. Wright, General Manager,
Delro Industries Division of
Germac Enterprises Ltd.,
1072 King Edward Street,
Winnipeg, Man. R3H OR2

G. Hilderman, Office Mgr.,
Denis Prefab Ltd.,
1510 - 18th Street North,
Brandon, Manitoba.

E. Derksen, President,
Derksen Printers,
Box 1209,
Steinbach, Man. ROA 2AO

D. A. Samuels, Gen. Manager,
Design Marble Ltd.,
1041 - 1049 Erin Street,
Winnipeg, Manitoba.
R3G 2X1

W. A. Giesbrecht, President,
Diamond Ready Mix Concrete Ltd.
Box 938,
Steinbach, Manitoba.
ROA 2AO

R. H. Hooker, Gen. Manager,
Diecast Products Ltd.,
1085 Winnipeg Avenue,
Winnipeg, Manitoba.
R3E OS2

L. Wheeler, President,
Dip and Strip,
50 MacDonald Avenue,
Winnipeg, Manitoba.
R3B OH9

M. R. Morgan, General Mgr.,
Display Fixtures,
494 Jarvis Avenue,
Winnipeg, Man. P. O. Box 3568
R2W 3R4

R. Bennett, President,
Display Industries of Canada
223 Archibald Street,
Winnipeg, Manitoba.
R2J OW5

D. S. Kish, Gen. Manager,
Display Photo-graphic Ltd.,
206 - 1702 Ellice Avenue,
Winnipeg, Manitoba.
R3H OB1

H. Bergen, General Manager,
Display World Inc.,
861 Marion Street,
Winnipeg, Manitoba.
R2J OK6

G. E. Greico, Sales Manager,
Diversey (Canada) Ltd.,
547 King Edward Street,
Winnipeg, Manitoba.
R3H ON9

W. D. Winograd, President,
DoAll Winnipeg Ltd.,
1107 Fife Street,
Winnipeg, Manitoba.
R2X 2M8

P. T. Doerksen, President,
Doerksen & Gronau Ltd.,
P. O. Box 129,
Fort Whyte, Man.
ROG ORO

D. R. Doig, President,
Doig's Store Ltd.,
154-10th Street,
Brandon, Manitoba.
R7A 4E6

A. H. Francis, Gen. Manager,
Dominion Bridge Co. Ltd.,
P. O. Box 895,
Winnipeg, Manitoba.
R3C 2T1

R. M. R. Dryburgh, President,
Dominion Bronze Ltd.,
111 Chevrier Blvd.,
Winnipeg, Manitoba.
R3T 1Y2

J. D. C. Kassenaar, Vice-Pres.
Dominion Malting Limited,
953 Grain Exchange Bldg.,
167 Lombard Avenue,
Winnipeg, Manitoba. R3B OV3

C. S. Riley, Jr., President,
Dominion Tanners Sales Corp.
1601 Church Avenue,
Winnipeg, Manitoba.
R2X 1G9

G. M. Smith, Sales Manager,
Domtar Construction Materials,
1405 Sargent Avenue,
Winnipeg, Manitoba.
R3E OG6

J. A. M. Doutre,
Domtar Fine Papers - Flax Fibre
Box 1448,
Morden, Manitoba.
ROG 1JO

D. K. Bayne, Manager,
Domtar Packaging,
680 Wall Street,
Winnipeg, Manitoba.
R3G 2T8

J. Knoll,
Donut House,
500 Selkirk Avenue,
Winnipeg, Manitoba.
R2W 2M7

H. Schmidtke, Gen. Manager,
Dormond Industries Ltd.,
1150 Sanford Street,
Winnipeg, Manitoba.
R3E 2Z9

R. T. Johnstone, President,
Dorwin Industries Ltd.,
666 Nairn Avenue,
Winnipeg, Manitoba.
R2L OX5

S. Schneider, General Manager,
Dowse Woodwork Ltd.,
707 Tache Avenue,
Winnipeg, Manitoba.
R2H 2C1

A. E. Pearen, President,
Dring Canada Ltd.,
P. O. Box 580,
Boissevain, Manitoba.
ROK OEO

M. Duchon, President,
Duchon Neon Plastic Ltd.,
1484 Church Avenue,
Winnipeg, Manitoba.
R2X 1G4

E. V. Duha, President,
Duha Printers (Western) Ltd.,
750 Bradford Street,
Winnipeg, Manitoba.
R3H ON3

E. Bertschinger, Gen. Manager,
Dunn-Rite Food Products Ltd.,
710 Pembina Highway,
Winnipeg, Manitoba.
R3M 2M6

H. J. VanLeusden, Manager,
Dustbane Manufacturing Ltd.,
730 Century Street,
Winnipeg, Manitoba.
R3H OM1

D. Bass, President,
Dutch Maid Dairy & Ice Cream Co.
197 Osborne Street,
Winnipeg, Manitoba.
R3L LZ4

J. Dyck, President,
Dycks Containers and Forest
Products Ltd.,
305 McKay Avenue,
Winnipeg, Man. R2G ON5

G. Poetker, President,
Dynamic Machine Corporation Ltd.
888-890 Nairn Avenue,
Winnipeg, Manitoba.
R2L OX*

E. G. Vidoni, President,
E.G.V. Enterprises Ltd.,
281 McDermot Avenue,
Winnipeg, Manitoba.
R3B OS9

N. Maciejko, Pl. Manager,
ESB Canada Limited,
1800 Sargent Avenue,
Winnipeg, Manitoba.
R3H OE1

Jack Levin, President,
East-West Packers Ltd.,
346 Dupuy Avenue,
Winnipeg, Manitoba.
R2J OT4

Cliff Joynt, Pl. Manager,
Edson Manufacturing Division
of Marr's Lesiure Products,
Box 459,
Rivers, Manitoba. ROK 1XO

H. M. Holroyde, Gen. Manager,
Electro Systems Group Ltd.,
532 Berry Street,
Winnipeg, Manitoba.
R3H OR9

D. W. Putnam, Reg. Manager,
Electrolier Corp.
1465 Inkster Blvd.,
Winnipeg, Manitoba.
R2X 1P6

M. Finkleman, President,
Elman's Food Products,
305 Boyd Avenue,
Winnipeg, Manitoba.
R2W 1P1

R. A. Drescher, Manager,
Elmcrest Furniture Mfg.,
701 Henry Avenue,
Winnipeg, Manitoba.
R3E 1T9

R. Netzel, President,
Embassy Furniture Manufacturing Ltd.,
360 Princess Street,
Winnipeg, Man. R3B 1M6

E. Rode, President,
Empire Iron Works Ltd.,
1001 Jarvis Avenue,
Winnipeg, Manitoba.
R2X OA1

H. Markusoff, President,
Empire Printers Ltd.,
117 Hutchings Street,
P. O. Box 3777, Stn. B.
Winnipeg, Man. R2W 3R6

M. Manishen, President,
Empire Sheet Metal Mfg. Co. Ltd.
725 Century Street,
Winnipeg, Manitoba.
R3H OM2

Dave Fisher, Director,
Employment Preparation Centre,
619 McDermot Avenue,
Winnipeg, Manitoba.
R3A OC5

H. Lawrence, Plant Manager,
Empress Foods Ltd.,
1525 Erin Street,
Winnipeg, Manitoba. R3E 2T2

E. Shinewald, Gen. Manager,
Equinox Industries Ltd.,
25 Dunlop Avenue,
Winnipeg, Manitoba.
R2X 2V2

W. E. Fischer, President,
Erin Iron Works Ltd.,
544 Gunn Road,
P. O. Box 249, Transcona, Man.
R2C 2Z9

J. Chasanoff, President,
Escott, W. H. Co. Ltd.,
129 McDermot Avenue E.,
Winnipeg, Manitoba.
R3B OR9

M. Pammer,
European Meat and Sausage Co.,
533 Burrows Avenue,
Winnipeg, Manitoba.
R2W 2A5

A. J. Froese, President,
Evergreen Industries Ltd.,
P. O. Box 730,
Altona, Manitoba.
ROG 080

S. Robbins, Plant Manager,
Export Packers Company Ltd.,
70 Irene Street,
Winnipeg, Manitoba.
R3T OR1

D. Krasowski, Gen. Manager,
Fairmont Electroplating Ltd.,
4 Chester Street,
Winnipeg, Manitoba.
R2L 2B2

G. Poitras, President,
Falcon Machinery (1965) Ltd.,
57 Dawson Road North,
Winnipeg, Manitoba. R2J OS6

J. E. Buhler, President,
Farm King Ltd.,
Box 1450,
Morden, Manitoba.
ROG 1JO

D. Favor, Manager,
Favor Industries,
109 Pioneer Avenue,
Winnipeg, Manitoba.
R3C OH1

Peter Wicks, Sales Manager,
Federal Pioneer Ltd.,
1255 Clarence Avenue,
Winnipeg, Manitoba.
R3T 1T4

L. Rankin, Manager,
Federated Co-operatives Ltd.,
Box 27,
Otterburne, Manitoba.
ROA 1GO

Russ Brown, Reg. Manager,
Federated Cooperatives Ltd.,
1615 King Edward Street,
Winnipeg, Manitoba.
R3C 2W6

R. W. Low, Manager,
Federated Genco Ltd.,
483 Madison Street,
Winnipeg, Manitoba.
R3J 1J2

N. C. Young, President,
Feed-Rite Ltd.,
250 Higgins Avenue,
Winnipeg, Manitoba.
R3B OC5

J. Eronen, President,
Finn Woodworks Ltd.,
1439 Erin Street,
Winnipeg, Manitoba.
R3E 2S9

Ewen Stewart, President,
Fleetwood Homes,
Benito, Manitoba.
ROL OCO

F. E. Dyck, Gen. Manager,
Flo-Form Industries Ltd.,
125 Hamelin Street,
Winnipeg, Manitoba.
R3T 3Z1

J. J. Killinger, President,
Flyer Industries Limited,
64 Hoka Street,
P. O. Box 245, Winnipeg, Man.
R2C 2Z9

H. Perey,
Flying Dutchman Kitchens Ltd.,
1905 Brandon Avenue,
Brandon, Manitoba.
R7B OS7

J. Forgan, President,
Forgan, Jack, Wholesale Meats,
500 Dawson Road,
Winnipeg, Manitoba.
R2J OT1

D. L. Suche, President,
Fort Garry Industries Ltd.,
460 McPhillips Street,
Winnipeg, Manitoba.
R2X 2G8

J. Fostey, President,
Fostey's Fancy Sausage,
650 Golspie Street,
Winnipeg, Manitoba.
R2K 2V1

G. I. Sammons, Gen. Manager,
Fournier Stands Mfg. of
Canada Ltd.,
1309 Mountain Avenue,
Winnipeg, Man. R2X 2Y1

N. C. Kuboth, Gen. Manager,
Frank Fair Industries Ltd.,
400 Archibald Street,
Winnipeg, Manitoba.
R2J OW9

M. R. Frechette, Manager,
Frechette's Dairy,
1317 Halcrowe Avenue,
Box 1499,
The Pas, Manitoba. R9A OR6

Joseph Freed, President,
Freed & Freed Ltd.,
474 Hargrave Street,
Winnipeg, Manitoba.
R3A OX6

S. Freed, Gen. Manager,
Freed, Josef, Cothing Co. Ltd.
474 Hargrave Street,
Winnipeg, Manitoba.
R3A OX6

J. T. Dunn, President,
Freshwater Fish Marketing Corp.
1199 Plessis Road,
Winnipeg, Manitoba.
R2C 3L4

R. C. Friesen, President,
Friesen, D. W. & Sons Ltd.,
85 - 6th Street,
Altona, Manitoba.
ROG OBO

D. Friesen, Jr., Manager,
Friesen Packaging Ltd.,
Box 720,
Altona, Manitoba.
ROG O80

T. Furgale, President,
Furgale Industries Ltd.,
324 Lizzie Street,
Winnipeg, Manitoba.
R3A OY7

B. Hristovski, President,
G. B. Graphics Ltd.,
1249 Gateway Road,
Winnipeg, Manitoba.
R2G 1G5

Morley M. Globerman, Manager,
G 111 Ltd.,
274 Jarvis Avenue,
Winnipeg, Manitoba.
R2W 3A5

E. Enss, Plant Manager,
GSW Limited,
1000 Powell Avenue,
Winnipeg, Manitoba.
R3H OH6

L. Gobeil, Manager,
GWG Limited,
365 Bannatyne Avenue,
Winnipeg, Manitoba.
R3A OE5

T. G. Gillies, President,
Garnet Amplifier Co. Ltd.,
1360 Sargent Avenue,
Winnipeg, Manitoba.
R3E OG5

T. Massey, President,
Garry Press Limited,
495 Berry Street,
Winnipeg, Manitoba.
R3J 3J2

S. Juravsky, President,
Garson Limestone Co. Ltd.,
2501 Ferrier Street,
P. O. Box 3532 Station B.,
Winnipeg, Man. R2W 3R4

F. T. Gaspart, President,
Gaspard and Sons Ltd.,
143 Smith Street,
Winnipeg, Manitoba.
R3C 1J5

A. Blank, President,
Gateway Packers Ltd.,
150 Sutherland Avenue,
Winnipeg, Manitoba.
R2W 5K4

G. T. Steiman, President,
Gemini Fashions of Canada Ltd.
515 Notre Dame Avenue,
Winnipeg, Manitoba.
R3B 1R9

J. Lazereck, Manager,
General Scrap and Car Shredder,
Box 26, Group 509, R.R. 5
Winnipeg, Manitoba
R2C 2Z2

S. Gerg, President,
Gerb Enterprises Ltd.,
164-166 Princess Street,
Winnipeg, Manitoba.
R3B 1K9

J. Rempel, President,
Gibson Labels Ltd.,
535 Marjorie Street,
Winnipeg, Manitoba.
R3H OS8

F. L. Gillis, Manager,
Gillis Quarries Ltd.,
94 Wenzel Street, Box 17,
Group 523, R.R. 5,
Winnipeg, Man. R2C 2Z2

L. Levine, President,
Girls' World Fashions,
5th Floor, Silpit Bldg.,
70 Arthur Street,
Winnipeg, Man. R3B 1G7

L. Vereb, Plant Manager,
Glas-Tech Manufacturing Ltd.,
1250 Fife Street,
Winnipeg, Manitoba.
R2X 2N6

W. Glesmann, President,
Glesco Furniture Mfg. Ltd.,
1456 Church Avenue,
Winnipeg, Manitoba.
R2X 1G4

J. L. Fulop, Gen. Manager,
Global Industries Ltd.,
21 Aikins Street,
Winnipeg, Manitoba.
R2W 4E2

H. Golub, Manager,
Globe Garment Mfg. Co. Ltd.,
281 McDermot Avenue,
Winnipeg, Manitoba.
R3B OS9

W. Guberman, President,
Goodwear Glove Co. Ltd.,
146 Alexander Avenue E.,
Winnipeg, Manitoba.
R3B OL3

E. Goossen, President,
Goossen, Elmer & Sons Ltd.,
P. O. Box 2, St. Boniface PO,
Winnipeg, Manitoba.
R2H 3B4

W. J. Doyle, Dist. Manager,
Grace, W.R., & Co. of Can. Ltd.
1140 Pacific Avenue,
Winnipeg, Manitoba.
R3E 1G6

H. Wasylyk, President,
Grainmaster Manufacturing Ltd.,
P. O. Box 9, Stn. F, Lot 118,
Springfield Road, Winnipeg, Man.
R2L 2A5

Harry Harrell, President,
Grandview Mfg. Enterprises,
P. O. Box 87,
Grandview, Manitoba.
ROL OYO

R. H. Effler, Manager,
Granny's Poultry Co-op Man. Ltd.,
560-570 Roseberry Street,
Winnipeg, Manitoba.
R3H OT2

R. B. May, President,
Gravure Graphics Ltd.,
1658 Church Avenue,
Winnipeg, Manitoba.
R2X 2W9

G. T. Williams, President,
Great-West Metal Products Ltd.,
90 Alexander Avenue,
Winnipeg, Manitoba.
R3B OL2

R. R. Reichert, Reg. Manager,
Green Cross Products Ltd.,
615 Kernaghan Ave., P. O. Box 754,
Winnipeg, Manitoba.
R3C 2L4

N. H. Sweetland, President,
Gregory Cartwright Stationers,
812 Wall Street,
Winnipeg, Manitoba.
R3G 2T8

T. R. Strange, President,
Gresham Mfg. Canada Ltd.,
P. O. Box 279,
Manitou, Man.
ROG 1GO

G. H. Stewart, Supt.
Griffin Steel Foundreis Ltd.,
2500 Day Street,
Winnipeg, Manitoba.
R2C 2Z9

A. Guertin Sr., President,
Guertin Bros. (Paint) 1976 Ltd.
270 Assiniboine Avenue,
Winnipeg, Manitoba.
R3C OX6

A. Gunn, Gen. Manager,
Gunn's Home Made Cakes & Pastry,
247 Selkirk Avenue,
Winnipeg, Manitoba.
R2W 2L5

John Mason, President,
H.M.S. Foods Ltd.,
1318 Clifton Street,
Winnipeg, Manitoba.
R3E 2V2

H. Goltzman, Gen. Manager,
Hallcraft Electronics Ltd.,
1760 Sargent Avenue,
Winnipeg, Manitoba.
R3H OC7

W. Hamilton, President,
Hamilton & Allen Co. Ltd.,
2210 Park Avenue,
Brandon, Manitoba.
R7A 5Z8

M. Settler, President,
Harco Electronics Ltd.,
740 Century Street,
Winnipeg, Manitoba.
R3H OM1

A. G. Singer, President,
Harv-al Sportswear Ltd.,
1330 Main Street,
Winnipeg, Manitoba.
R2W 3T6

Steve Bewsky, Manager,
Headhunters Ltd.,
874 Nairn Avenue,
Winnipeg, Manitoba.
R2L OX8

Larry Hecht, President,
Hecht, J. H. & Sons Ltd.,
329 Cumberland Avenue,
Winnipeg, Manitoba.
R3B 1T2

F. Rowson, Pl. Manager,
Henderson Directories,
419 McMillan Avenue,
Winnipeg, Manitoba.
R3L ON3

M. Fisk, Manager,
Henderson G. Distributors Ltd.,
100 McPhillips Street,
Winnipeg, Manitoba.
R3E 2J7

J. A. Henderson, President,
Henderson Power Equipment Ltd.,
1090 Kenaston Blvd.,
Winnipeg, Manitoba.
R3P OR7

J. R. Hignell, President,
Hignell Printing Limited,
488 Burnell Street,
Winnipeg, Manitoba.
R3G 2B4

H. O. Holmgren, President,
Holmgren, E. & Son Ltd.,
11 Main Street,
Sprague, Manitoba.
ROA 1ZO

J. Brown, Sales Rep.
Honeywell Limited,
1349 Border Street,
Winnipeg, Manitoba.
R3H ON1

O. Sackney, Manager,
Hooker Chemicals Ltd.,
P. O. Box 1500,
Brandon, Manitoba.
R7A 6A6

W. K. Callander, Gen. Manager,
Hudson Bay Mining & Smelting,
Box 1500,
Flin Flon, Manitoba.
R8A 1N9

W. Hull, President,
Hull Publishing Co. Ltd.,
300 Edmonton Street,
Winnipeg, Manitoba.
R3B 2L2

A. Pubantz, Manager,
Humphrey Products of Wpg. Ltd.
976 Powell Avenue,
Winnipeg, Manitoba.
R3H OH6

G. D. McBay, President,
Hurst Equipment Ltd.,
75 Archibald Street,
Winnipeg, Manitoba.
R2J OV7

H. Z. Hurtig, President,
Hurtig, A.& M. Ltd.,
262 Portage Avenue,
Winnipeg, Manitoba.
R3C OB6

J. A. Dickinson, Manager,
I.T.T. Communications,
870 Century Street,
Winnipeg, Manitoba.
R3H OM5

B. Seigneur, President,
I.V.C. Ltd.,
19 Otter Street,
Winnipeg, Manitoba.
R3T OM7

S. Gruber, President,
Ideal Electric Mfg. Co. Ltd.,
372-380 Selkirk Avenue,
Winnipeg, Manitoba.
R2W 2M2

B. Jamieson, Manager,
Imperial Casket Co. Ltd.,
541 Ferry Road,
Winnipeg, Manitoba.
R3H OT5

A. Edmondson, Manager,
Imperial Optical Co. Ltd.,
166 Osborne Street S.,
Winnipeg, Manitoba.
R3L 1Y9

H. Bobrowski, President,
Imperial Steel Products Ltd.,
901 Century Street,
Winnipeg, Manitoba.
R3H OM3

P. T. Doerksen, President,
Incab Kitchens Ltd.,
P. O. Box 129,
Fort Whyte, Manitoba.
ROG ORO

C. F. Hews, President,
Inco Metals Co.,
Thompson, Manitoba.
R8N 1P3

J. Shaw, Manager,
Independent Fish Co. Ltd.,
941 Sherbrook Street,
Winnipeg, Manitoba.
R3A 1N3

J. G. Johnson, President,
Indus Electronics,
240 Saulteaux Crescent,
Winnipeg, Manitoba.
R3J 3T2

P. Wacko, Gen. Manager,
Inland Cement Industries Ltd.,
1191 Kenaston Blvd., Box 249,
Station C., Winnipeg, Man.
R3M 3S7

G. A. Cramp, President,
Inland Steel & Forgings Ltd.,
675 Washington Avenue,
Winnipeg, Manitoba.
R2K 1M4

C. Ward, Br. Manager,
Inmont Canada Ltd.,
321 Stanley Street,
Winnipeg, Manitoba.
R3A OX3

A. M. Carlson, Gen. Manager,
Interbake Foods Ltd.,
311 Ross Avenue,
Winnipeg, Manitoba.
R3A OL6

R. G. Graham, President,
Inter-City Manufacturing Ltd.,
695 Berry Street,
Winnipeg, Manitoba.
R3H OS4

R. K. McFarland, Gen. Manager,
Inter-Collegiate Press of Can.
1315 Inkster Blvd.,
Winnipeg, Manitoba.
R2X 1P6

J. J. Coyne, President,
Interdiscom Systems Ltd.,
87-1313 Border Street,
Winnipeg, Manitoba.
R3H OX4

C. Desender, President,
Intergraphics Decal Ltd.,
141 Larche Avenue,
Winnipeg, Manitoba.
R2C 1RO

M. Farmer, President,
Interlake Publishing Ltd.,
Box 190,
Stonewall, Manitoba.

Mike Poler, President,
Intermountain Stoves,
115 - 1st St. S.W.,
Dauphin, Manitoba.
R7N 1M9

W. R. MacInnis, General Manager
International Laboratories Ltd.
490 DeMeurons Street,
Winnipeg, Manitoba.
R2H 2P5

B. B. Marantz, Manager,
Interprovincial Co-operatives,
945 Marion Street,
Winnipeg, Manitoba.
R2J OK7

J. W. Dalzell, Gen. Manager,
Inventronics Limited,
1420 Van Horne Avenue E.,
P. O. Box 1135,
Brandon, Manitoba. R7A 6A4

J. E. Fehr, President,
J. B. Agri. Industries Ltd.,
186 Cochlan Drive,
Box 1297, Morden, Man.
ROG 1JO

D. H. Diamond, Gen. Manager,
Jackson, George N. Ltd.,
1139 McDermot Avenue,
P. O. Box 821,
Winnipeg, Man. R3C 2P6

John Crawley, President,
Jacob Crowley Manufacturing,
49 Adelaide Street,
Winnipeg, Manitoba.
R3A OV8

F. Gershbein, President,
Jara Steel Industries Ltd.,
35 Trottier Bay,
Winnipeg, Manitoba.
R3T 3R3

J. D. Schachter, President,
Jay-Dee Products Ltd.,
141 Bannatyne Avenue,
Winnipeg, Manitoba.
R3B OR3

J. B. Van Landegham, Manager,
Jeanne's Bakery Ltd.,
931 Notre Dame Avenue,
Winnipeg, Manitoba.
R3E OM8

D. Melnar, President,
Johnson Bros. Manufacturing
International,
903 Marion Street,
Winnipeg, Man. R2J OK7

R. Rylko, Gen. Manager,
Jordan and Ste-Michelle Cellars,
609 Greenwood Ave,
P. O. Box 185,
Selkirk, Man. R1A 2B2

Mrs. M. A. Krawchenko, Pres.
Mrs. K's, Food Products Ltd.
1062 Stardust Avenue,
Winnipeg, Manitoba.
R2P OG1

D. W. Wirth, Gen. Manager,
Kable Tapes Ltd.,
1130 Wall Street,
Winnipeg, Manitoba.
R3E 2R9

E. Kackenhoff,
Kackenhoff Nurseries Ltd.,
Lot 41, P. O. Box 2000,
Winnipeg, Manitoba.
R3V 1L4

G. J. Haslett, Manager,
Kahn Optical Co. Ltd.,
204-290 Vaughan Street,
Winnipeg, Manitoba.
R3B 2N8

E. W. Kellett, President,
Kellett Copy Centres Ltd.,
205 Fort Street,
Winnipeg, Manitoba.
R3C 1E3

E. Filz, President,
Kelsey Sportswear Ltd.,
563 Notre Dame Avenue,
Winnipeg, Manitoba.
R3B 1S5

A. R. Kent, President,
Kent, B.P. Flour Mills Ltd.,
Box 1509,
Virden, Manitoba.
ROM 2CO

C. Ketchen, Manager,
Ketchen Printing Limited,
1190 Main Street,
Winnipeg, Manitoba.
R2W 3S7

J. Peloquin, Gen. Manager,
Kildonan Canoe Co.,
530 Sheppard Street,
Winnipeg, Manitoba.
R2X wP8

A. A. Ruhr, Manager,
Kildonan Concrete Products Ltd.
221 Panet Road,
Winnipeg, Manitoba.
R2J OS4

D. J. Killeen, President,
Killeen & Sons Ltd.,
1205 Sherwin Road,
Winnipeg, Manitoba.
R3H OV1

N. Mau, Pl. Manager,
Kimberly-Clark of Can. Ltd.,
575 Berry Street,
Winnipeg, Manitoba.
R3H OS2

T. Massey, Gen. Mgr.,
Kingdon Printing (1974),
495 Berry Street,
Winnipeg, Manitoba.
R3J 1N6

N. Studnyk, President,
Kipp-Kelly Limited,
68 Higgins Avenue,
Winnipeg, Manitoba.
R3B 0A6

H. D. Buller, Gen. Mgr.,
Kitchen Craft of Can. Ltd.,
1180 Springfield Road,
Winnipeg, Manitoba.
R2C 2Z2

J. E. Klassen, Manager,
Klassen Manufacturing Ltd.,
60 Burnett Avenue,
Winnipeg, Manitoba.
R2G 1C1

M. A. Bernstein, Manager,
Klean-Strip Co. (Can.),
306 King Street,
Winnipeg, Manitoba.
R3B 1J7

M. Goldberg, Gen. Manager,
Knit-Rite Mills Ltd.,
1270 Notre Dame Avenue,
Winnipeg, Manitoba.
R3E 0P3

L. Gelder, Sales Rep.
Kodak Canada Ltd.,
918 St. James Street,
Winnipeg, Manitoba.
R3H 0K3

H. Kraus, President,
Kraus Industries Ltd.,
204 Day Street,
Winnipeg, P. O. Box 250,
Transcona P.O. R2C 1A8

H. M. Margolis, President,
Kromar Printing Ltd.,
725 Portage Avenue,
Winnipeg, Manitoba.
R3G 0M8

G. M. Nosworthy, President,
LaBatt's Manitoba Brewery,
1600 Notre Dame Avenue,
P. O. Box 776,
Winnipeg, Man. R3C 2N3

E. J. Lafreniere, Manager,
Lafreniere Sheet Metal Ltd.,
401 Youville Street,
Winnipeg, Manitoba.
R2H 2T4

S. Johnson, President,
Lake Winnipeg Boat Works Ltd.,
Gimli, Manitoba.
ROC 1B0

C. Luining, Manager,
Lakeland Dairies Ltd.,
424 Eveline Street,
Selkirk, Manitoba.
R1A 1N9

B. D. Campbell, President,
Landmark Feed Mill Ltd.,
P. O. Box 9,
Landmark, Manitoba.
ROA 0X0

I. Rosenfeld, President,
Lantry Sportswear (Canada) Ltd.,
167 Bannatyne Avenue,
Winnipeg, Manitoba.
R3B 0R4

J. Fergusson, President,
Lawrie Wagon & Carriage Co. Ltd.
583 Wall Street,
Winnipeg, Manitoba.
R3G 2T5

D. R. Howe, Gen. Manager,
Lawson Business Forms (Man.) Ltd.
101 Irene Street,
Winnipeg, Manitoba.
R3T 4C7

L. G. Tapp, Div. Mgr.,
Lawson Graphics Manitoba Ltd.,
708 Moray Street,
Winnipeg, Manitoba.
R3J 3S9

D. E. Leech, Manager,
Leech Printing Limited,
Park Avenue at 18th Street,
Brandon, Manitoba.
R7A 5B8

G. S. R. Letchford, President,
Letchford Industries Limited,
357 Archibald Street,
Winnipeg, Manitoba.
R2J 0W6

J. W. Lewis, President,
Lewis Cattle Oiler Co. Ltd.,
Box 250,
Oak Lake, Manitoba.
R0M 1P0

K. E. Lindenberg,
President,
Lindenberg Seeds Ltd.,
803 Princess Avenue,
Brandon, Manitoba. R7A 0P5

Personnel Manager,
Liquid Carbonic Canada Ltd.,
635 McPhillips Street,
Winnipeg, Manitoba.
R2X 2H1

Ivan Kostelac,
Litho Color Services Ltd.,
1328 Clifton Street,
Winnipeg, Manitoba.
R3E 2V2

D. J. Martin, Gen. Manager,
Lloyd Bag Company Ltd.,
146 Alexander Avenue,
Winnipeg, Manitoba.
R3B 0L3

I. Loewen, President,
Lode-Master Industries Ltd.,
361-1st Street,
Box 984,
Winkler, Man. R0G 2X0

W. Loewen, President,
Loewen Manufacturing Co. Ltd.,
Box 820,
Altona, Manitoba.
R0G 0B0

C. P. Loewen, President,
Loewen Millwork,
P. O. Box 2269,
Steinbach, Manitoba.
R0A 2A0

A. Grusko,
Love Enterprises,
1560 St. James Street,
Winnipeg, Manitoba.
R3H OL2

F. D. Loveday, President,
Loveday Mushroom Farms Ltd.,
Mission & McTavish Street,
Winnipeg, Manitoba.
R2J OA2

B. Graham,
LUND,
P. O. Box 2080,
Steinbach, Manitoba.
ROA 2AO

D. A. Chamberlain, Gen. Mgr.,
MBE-Dominion Bridge Co. Ltd.,
845 Logan Avenue,
Winnipeg, Manitoba.
R3C 2K2

D. Malnar, President,
M-S Industrial Refrigeration,
903 Marion Street,
Winnipeg, Manitoba.
R3J OK7

J. A. MacDonald, President,
Macdon Industries Ltd.,
680 Moray Street,
Winnipeg, Manitoba.
R3J 3S3

D. R. Keatch, Gen. Manager,
MacDonald Bros. Metal
Fabricators Ltd.,
51 Aikins Street,
Winnipeg, Man. R2W 4E3

G. E. Tardi, Manager,
MacMillan Bloedel Packaging,
1360 Inkster Blvd.,
P. O. Box 279,
Winnipeg, Man. R3C 3J4

G. J. Zak, President,
Macron Enterprises Ltd.,
1258 Border Street,
Winnipeg, Manitoba.
R3H OM6

M. A. Clarke, Manager,
Magnecord Graphics,
708 Moray Street,
Winnipeg, Manitoba.
R3J 3S9

H. McIvor, Manager,
C. L. Malach Co. Ltd.,
Box 33,
Fort Whyte, Manitoba.
ROG ORO

J. R. Malabar, President,
Malabar Apparels (1977) Ltd.,
375 Hargrave Street,
Winnipeg, Manitoba.
R3B 2K2

H. Tallman, President,
Mandak Metal Processors Ltd.,
P. O. Box 332,
Selkirk, Manitoba.
R1A 2B3

C. D. Brown, Gen. Mgr.,
Manfor Engineering,
Box 2189,
The Pas, Manitoba.
R9A 1L9

K. Strassel, Vice-President,
Manitoba Auto Spring Works,
1687 Dugald Road,
Winnipeg, Manitoba.
R2J OH3

R. D. Bueckert, Gen. Manager,
Manitoba Bearing Works Ltd.,
270 St. Mary Avenue,
Winnipeg, Manitoba.
R3C OM6

J. Raber, President,
Manitoba Bedding Company Ltd.,
1180 Fife Street,
Winnipeg, Manitoba.
R2X 2N6

A. Schritt, President,
Manitoba Cabinet Works,
14 Bury Street,
Winnipeg, Manitoba.
R3E 2X8

J. Kuklica, President,
Manitoba Clothing Co. Ltd.,
1747 Main Street,
Winnipeg, Manitoba.
R2V 1Z6

J. Uhrin, President,
Man. Co-op Honey Producers Ltd.,
625 Roseberry Street,
Winnipeg, Manitoba.
R3H OT4

R. H. Effler, Manager,
Manitoba Dairy Co-operative Ltd.
570 Roseberry Street,
Winnipeg, Manitoba.
R3C OT2

B. Breedweld, President,
Manitoba Dental Laboratories,
603 Wall Street,
Winnipeg, Manitoba.
R3G 2T5

W. E. Jonas, Manager,
Manitoba Forestry Resources Ltd.
Box 1590,
The Pas, Manitoba.
R9A 1L4

L. J. Hallgrimson, President,
Manitoba Forestry Resources Ltd.
Box 2189,
The Pas, Manitoba.
R9A 1L9

C. E. Curtis, Vice Chairman,
Manitoba Hydro,
820 Taylor Avenue,
Box 815, Winnipeg, Man.
R3C 2P4

R. Westman, Manager,
Manitoba Pant & Sportswear Mfg,
290 McDermot Avenue,
Winnipeg, Manitoba.
R3B OT2

D. H. McNabb, Manager,
Manitoba Pool Elevators,
Pembina & Perimeter Hwy,
Winnipeg, Manitoba.
R3T 2ET

R. R. Robinson, Gen. Manager,
Manitoba Rolling Mills,
P. O. Box 2500, Station A,
Selkirk, Manitoba
RLA 2B4

G. Wilde, Gen. Manager,
Manitoba Sausage Mfg. Co. Ltd.,
691 Dufferin Avenue,
P.O. Box 3505, Stn. B,
Winnipeg, Man. R2W 2Z3

J. W. Hall, Gen. Manager,
Manitoba Sugar Company,
555 Hervo Street,
Winnipeg, Manitoba.
R3T 3L6

H. J. Cohen, Gen. Manager,
Manitoba Tent & Awning Co.,
1010 Logan Avenue,
P.O. Box 3657, Station B,
WINNIPEG, Man. R2W 3R4

M. Bakal, President,
Manitoba Upholstering Co. Ltd.,
281 Selkirk Avenue,
WINNIPEG, Manitoba.
R2W 2L5

H.J. Cohen, Gen. Manager,
Manta Tent & Tarpaulin Co.,
P.O. Box 3657 Station B.,
WINNIPEG, Manitoba.
R2W 3R4

G. S. Struthers, Gen. Manager,
Manwest Engineering Limited,
33 Water venue,
WINNIPEG, Manitoba.
R3C OJ1

B.W. Boldt, Pl. Manager,
Maple Leaf Mills Limited,
440 Archibald Street,
WINNIPEG, Manitoba.
R3C 2Y9

T.D. Brown, Owner,
Maple Leaf Press,
20 Main Street,
GILBERT PLAINS, Manitoba.
ROL OXO

D. Martin, President,
Marble Factory,
45 Trottier Bay,
WINNIPEG, Manitoba.
R3T 3R3

B.A. McGhie, Gen. Manager,
Mark Trent Mfg. Ltd.,
186 Henderson Hwy,
WINNIPEG, Manitoba.
R2L 1L6

D.A. Dempsey, Gen. Manager,
Marrin Brothers Ltd.,
820 Bradford Street,
WINNIPEG, Manitoba.
R3H ON5

W. Amundsen, Pl. Manager,
Marr's Leisure Products (1977)
P.O. Box 605,
DAUPHIN, Manitoba.
R7N 2V4

A.H. Shiels, President,
Marshall-Goltz Sign Co.,
908 William Avenue,
WINNIPEG, Manitoba.
R3E OZ8

G.H. Doerr, President,
Martel-tewart Limited,
72 Vopni Avenue,
WINNIPEG, Manitoba.
R2R OK2

R. Martin, Sales Manager,
Fred Martin Agencies Ltd.,
851 Lagimodiere Blvd.,
WINNIPEG, Manitoba.
R2J 3K4

F. Shymko, Sales Manager,
Marv-eon Signs Limited,
1270 Sargent Avenue,
WINNIPEG, Manitoba.
R3E OG1

H. Nepon, President,
Marwest Electric Manufacturing.,
111 Pacific Avenue,
WINNIPEG, Manitoba.
R3B OM1

M.H. Tatelman,
Mayers Packaging Ltd.,
289-305 Chambers Street,
WINNIPEG, Manitoba.
R3E 1W6

N. Richter, Reg. Manager,
McGavin Foods Limited,
258 Burnell Street,
WINNIPEG, Manitoba.
R3G 2A7

F.T. Newbery, Manager,
Jean McIntosh Ltd.,
1129 Empress Street,
WINNIPEG, Manitoba
R3E 3H1

W.A. Moore, Pres. & Gen. Mgr.,
A.E. McKenzie Co. Ltd.,
P.O. Box 1060,
BRANDON, Manitoba.
R7A 6E1

P. Armstrong, President,
Mediacom Inc.,
1695 Sargent Avenue,
WINNIPEG, Manitoba
R3H OC4

S.I. Jensen, President,
Medo-Land Dairy Products,
376 Marion Street,
WINNIPEG, Manitoba.
R2H OV5

K. Meier, President,
Melet Plastics Ltd.,
670 Golspie Street,
WINNIPEG, Manitoba.
R2K 2V1

S. Melnyk, President,
Melman Screen Graphics Ltd.,
466 Brooklyn Street,
WINNIPEG, Manitoba.
R3J 1M7

R.D. Domville,
Melrose Foods Co.,
81 Water Avenue,
WINNIPEG, Manitoba.
R3C OJ2

F. Simeonidis, President,
Mercury Metal Products Ltd.,
55 Trottier Bay,
WINNIPEG, Manitoba.
R3T 3R3

B. Schwartz, Owner,
Mercury Press,
408 Logan Avenue,
WINNIPEG, Manitoba.
R3A OR1

Miss E.A. Downie, Office Mgr.,
Mercury Publications Ltd.,
200-633 Portage Avenue,
WINNIPEG, Manitoba.
R3B 2Z9

F.B. Chalmers, Pres, & Gen. Mgr.
Metal-Pac Manufacturing Ltd.,
1577 Seel Avenue,
WINNIPEG, Manitoba.
R3T 1C7

E. Marat, Manager,
Metals & Alloys Co. Ltd.,
1457 Chevrier Blvd.,
WINNIPEG, Manitoba.
R3T 1Y7

J.E. Harrison, Pres & Mgr.,
Metals Industries Ltd.,
1st St. N.,
BRANDON, Manitoba.
R7A 5Z8

G. Elliott, Manager,
Metro Pallet Enterprise Ltd.,
P.O. Box 1468,
WINNIPEG, Manitoba.

S. Waldman, President,
Miami Fashions (1979) Ltd.,
327 Cumberland,
WINNIPEG, Manitoba.
R3B 1T2

F. Fraas, Manager,
Micro Tool & Machine Ltd.,
1166 Sanford Street,
WINNIPEG, Manitoba.
R3E 2Z9

Ervin Friesen, President,
Midland Manufacturing Co.,
Box 125,
ROSENORT, Manitoba.
ROG 1WO

M. Fedoriw, President,
Mid-West Armature Ltd.,
51 Harriet St.,
WINNIPEG, Manitoba.
R3A 1C7

R.M. Bleakley, Manager,
Mid-West By-Products Co.,
607 Dawson Rd. N.,
WINNIPEG, Manitoba.
R2J OT2

S. Klapman, President,
Mid West Garments (1971) Ltd.,
141 Bannatyne Avenue,
WINNIPEG, Manitoba.
R3B OR3

P. Knight, Gen. Manager,
Midwest Quilting Co. Ltd.,
1451 Erin Street,
WINNIPEG, Manitoba.
R3E 2S9

T. Konishi, President,
Misawa Homes of Canada Ltd.,
1410 Notre Dame Avenue,
WINNIPEG, Manitoba.
R3E 3G5

S. Hans, Pres & Manager,
Model Manufacturing Co. Ltd.,
296 McDermot Avenue,
WINNIPEG, Manitoba.
R3B OT2

S.I. Jensen, General Manager,
Modern Dairies Ltd.,
P.O. Box 40
WINNIPEG, Manitoba.
R2H 3B4

N. Gilfix, Manager,
Modern Headwear Ltd.,
146 Alexander Avenue East,
WINNIPEG, Manitoba.
R3B OL3

R. Everaert, Mgr & Compt,
Mogul Corporation of Canada,
93 Gomez Street,
WINNIPEG, Manitoba.
R3B OG7

R.F.J. Deeb, Gen. Manager,
Molson Brewery Manitoba Ltd.,
721 Furby Street,
WINNIPEG, Manitoba.
R3B 2W4

E.J. Enns, Manager,
Monarch Industries Limited,
P.O. Box 429,
WINNIPEG, Manitoba.
R3C 3E4

R.E. Todd, President,
Monarch Wear Ltd.,
P.O. Box 368,
WINNIPEG, Manitoba.
R3C 2H9

W.C. McLeod, Pl. Supt.,
Moore Business Forms Ltd.,
711 Erin Street,
WINNIPEG, Manitoba.
R3G 2W3

J.E. Buhler, General Manager,
Morden Fine Foods Ltd.,
P.O. Box 280,
MORDEN, Manitoba.
ROG 1JO

M. Shoib, President,
Morlies Sportswear Ltd.,
281 McDermot Avenue,
WINNIPEG, Manitoba.
R3B OS9

I. Applebaum, Manager,
Moser Manufacturing Co. Ltd.,
1500 King Edward Street,
WINNIPEG, Manitoba.
R3H OR5

G.E. Mason, President,
Motor Coach Industries Ltd.,
1149 St. Matthews Avenue,
WINNIPEG, Manitoba.
R3G OJ8

S. Marykuca, Pres & Gen. Mgr.,
Murray Tent & Awning Ltd.,
653 Sargent Avenue,
WINNIPEG, Manitoba.
R3E OA4

R. Murray, Pres & Gen Mgr.,
Murray Printing Ltd.,
129 - 12th Street,
BRANDON, Manitoba.
R7A 5Z8

W.O. Mutschel, President.
Mutschel Bros. Machine Shop Ltd.,
47 Gay Street,
THOMPSON, Manitoba.
R8N 1P1

K.F. Rogers, Pl. Manager,
Nabisco Foods Limited,
312 Chambers Street,
WINNIPEG, Manitoba.
R3E 1W7

L. Naleway, Owner,
Naleway Foods Limited,
1161 Fife Street,
WINNIPEG, Manitoba.
R2X 2N3

Z. Feldman, Manager,
National Cloaks (1971) Ltd.,
190 Disraeli Freeway,
WINNIPEG, Manitoba.
R3B 1G8

M. Minuk,, President,
National Lamp Mgf. Co. Ltd.,
97 Higgins Avenue,
WINNIPEG, Manitoba.
R3B OB3

J. Grumbles, Gen. Manager,
National School Services Ltd.,
1051 King Edward Street,
WINNIPEG, Manitoba.
R3H OR4

Z. Feldman, Manager,
National Sportswear,
200 Disraeli Freeway,
WINNIPEG, Manitoba.
R3B 1G8

M. Sodomdey, Manager,
National Upholstering Mfg. Co.,
294 William Avenue,
WINNIPEG, Manitoba.
R3G OR1

Alf Balciunas, President,
Natural Bakery Limited,
808 Logan Avenue,
WINNIPEG, Manitoba.
R3E 1N3

B.G. Naylor, President,
Naylor Press Limited,
1494 Regent Avenue,
WINNIPEG, Manitoba.
R2C 3A8

J. Neaman, Gen. Manager,
Neaman Fur Co. Ltd.,
200 Disraeli Freeway,
WINNIPEG, Manitoba.
R2B 2Z4

F. Bernoties, Dist. Manager,
Neon Products Limited,
117 King Edward Street,
WINNIPEG, Manitoba.
R3H OY3

S.P. Janzen, President,
New J Industries Ltd.,
Box 2080,
WINKLER, Manitoba.
ROG 2XO

B.R. Newman, Pres & Mgr.,
Newman Millwork (Canada) Ltd.,
400 Des Meurons Street,
WINNIPEG, Manitoba.
R2H 2P1

G. Wright, Managing Director,
Nickel Belt News,
P.O. Box 887,
THOMPSON, Manitoba.
R8N 1N8

J. Koslowsky, President,
Niverville Feed & Farm Supply,
Box 460,
NIVERVILLE, Manitoba.
ROA 1EO

G.E. Konantz, Gen. Manager,
North American Lumber Ltd.,
205 Fort Street,
WINNIPEG, Manitoba.
R3C 1E3

G.A. Doan, Gen. Mgr.,
North Star Co-op Creamery &
Cheese Assoc. Ltd.,
P.O. Box 38,
ARBORG, Manitoba. ROC OAO

W. Holt, President,
North West Smelting & Refining,
P.O. ox 157,
WINNIPEG, Manitoba.
R2H 3B4

J. Mullan, Gen. Manager,
Northern Paint Canada Inc.,
P.O. Box 219, Stn. C.,
WINNIPEG, Manitoba.
R3M 3S8

C.E. Swartz, President,
Northern Sales Co. Ltd.,
200 Portage Avenue,
WINNIPEG, Manitoba.
R3C OA5

K.W. Floch, Pl. Manager,
Northern Telecom Ltd.,
150 Wyatt Road,
WINNIPEG, Manitoba.
R2X 2X6

M.P. Prendiville, President,
Norwest Manufacturing Ltd.,
68 Crane Street,
THOMPSON, Manitoba.

A.B. Brown, Pres & Gen Mgr.,
Norwood Tent & Awning Co. Ltd.,
1235 Sargent Avenue,
WINNIPEG, Manitoba.
R3E OG2

R.J. Hosegood, Manager,
Oakley Optical Wholesale
Opticians &.Supplies,
Rm 3, 310 Donald Street,
WINNIPEG, Man. R3B 2H4

S. Hochman, Owner,
OasisDelicatessen Ltd.,
906-908 Main Street,
WINNIPEG, Manitoba.
R2W 3P3

H.L. Rawley, Mgr Grain Div.
Ogilvie Mills Ltd.,
P.O. Box 846,
WINNIPEG, Manitoba.
R3C 2R8

V.O. Aanenson, President,
Old Dutch Foods Ltd.,
100 Bentall Street,
WINNIPEG, Manitoba.
R2X 2S5

D.G. Hughes, Pres & Gen Mgr.,
Olympic Pant & Sportswear Ltd.,
1500 Notre Dame Avenue,
WINNIPEG, Manitoba.
R3B 1H1

E.G. Vidoni, Vice-President,
Orron Manufacturing Ltd.,
281 McDermot Avenue,
WINNIPEG, Manitoba.
R3B OS9

G. Chambers, Gen. Manager,
Outdoor Scene Ltd.,
P.O. Box 160,
ST. MALO, Manitoba.
ROA 1TO

Bill Hansen, Vice President,
P.O. Industries Ltd.,
526 Dufferin Avenue,
WINNIPEG, Manitoba.
R2W 2Y6

B.D. Barron, President,
Panther Pant (1978) Ltd.,
1650 Inkster Blvd.,
WINNIPEG, Manitoba.

P.H. Vis, Pres & Gen Mgr.,
Paramount Bio-Chemicals Ltd.,
134 James Avenue East,
WINNIPEG, Manitoba.
R3B ON8

S. Dudeck, President,
Paramount Glass & Millwork Ltd.,
105 Panet Road,
WINNIPEG, Manitoba.
R2J OS1

S. Shaffer, Manager,
Park Leather International Ltd.,
200 Disraeli Freeway,
WINNIPEG, Manitoba.
R3B 2L4

W.B. Parrish, Vice-President,
Parrish & Heimbecker Ltd.,
661 Grain Exchange Bldg.,
167 Lombard Avenue,
WINNIPEG, Man. R3B OV6

M. Klapman, President,
Peerless Garments Ltd.,
515 Notre Dame Avenue,
WINNIPEG, Manitoba.
R3B 1R9

E. Shibou, President,
Pelobe Trading,
2nd Flr. 136 Market Avenue,
WINNIPEG, Manitoba.
R3B OP4

M. Bertouille, Manager,
Pembina Mountain Clays Ltd.,
945 Logan Avenue,
WINNIPEG, Manitoba.
R3E 1P2

J.G. Zacharias, Pre & Gen Mgr.,
Pembina Poultry Packers Ltd.,
Box 658,
MORDEN, Manitoba.
ROG 1JO

H.P. Friesen, Pres & Gen. Mgr.,
Pembina Printing Ltd.,
101-6th Street,
MORDEN, Manitoba.
ROG 1JO

Ken Boyce, President,
Pennex Limited,
107 Paramount Road,
WINNIPEG, Manitoba.
R2X 2W6

C. Kostaniuk, Manager,
People's Co-operative Ltd.,
610 Dufferin Avenue,
WINNIPEG, Manitoba.
R2W 2Z2

H. Shapiro, Manager,
Perfecfit Glove Mfg. Co.,
319 Elgin Avenue,
WINNIPEG, Manitoba.
R3 OK4

Wm. Kyliuk, President,
Perfect Uniform Mfg. Co.,
646 Sargent Avenue,
WINNIPEG, Manitoba.
R3E OA5

Kenn Perkins, President,
Kenn Perkins Animation Limited
7-1313 Border Street,
WINNIPEG, Manitoba.
R3A OX4

Perry Rayburn,
Permalite Limited,
770 Dufferin Avenue,
WINNIPEG, Manitoba.
R2W 2Z6

B. Maslove, Manager,
Permanizing (1962) Ltd.,
367 Poplar Avenue,
WINNIPEG, Manitoba.
R2L OK1

J.J. McArdle, Gen. Mgr.,
Pero Sales (1966) Ltd.,
975 Logan Avenue,
WINNIPEG, Manitoba.
R3E 1P3

N. Yurkiw, President,
Petersens Bakery & Tea Room,
115 Main Street,
DAUPHIN, Manitoba.
R7N 1C1

J.E. Peterson, President,
J.E. Peterson & Assoc. (Canada)
1150 St. James Street,
WINNIPEG, Manitoba.
R3H OK7

M. Romaniuk, President,
Phil-Mar Trade Bindery Ltd.,
298 Archibald Street,
WINNIPEG, Manitoba.
R2J 3M4

F. Paquette, Pl. Mgr.,
Phillips Cables Ltd.,
1000 6th Ave N.E.
PORTAGE LA PRAIRIE, Manitoba.
R1N 3C4

M.A. Bernstein, Pres & Gen. Mgr.
Phillips Paint Products (1968)
306 King Street,
WINNIPEG, Manitoba.
R3B 1J7

J. Lepholtz, President,
Pic-A-Pop Beverages Ltd.,
33 Stapleton Street,
WINNIPEG, Manitoba.
R2L 1Z9

H. Ewert, Manager,
Pickles Tents & Awning Ltd.,
667 Ellice Avenue,
WINNIPEG, Manitoba.
R3G OA8

L.G. Herd, Manager,
Pilkington Glass Limited,
755 St. Jean Baptiste Street,
WINNIPEG, Manitoba.
R2H 2Y8

L. Keating, Manager,
Piston Ring Service Supply,
665-695 Erin Street,
WINNIPEG, Manitoba.
R3G 2W1

R.R. Pitt, Pres & Manager,
Pitt Leather Goods Mfg. Co.,
1238 Chevrier Blvd.,
WINNIPEG, Manitoba.
R3T 1Y3

R.E. Storey, Manager,
Plant National (Wpg.) Ltd.,
328 Dawson Road,
WINNIPEG, Manitoba.
R2J OS7

D.T. Gardiner, Manager,
Plasma & Flame Coatings Ltd.,
1975 Logan Avenue,
WINNIPEG, Manitoba.
R2R OH8

A.A. Baturin, Gen. Manager,
Plastic Film Lektro-Seal Ltd.,
114 Market Avenue E.,
WINNIPEG, Manitoba.
R3B OP4

B. McEwen, Pl. Supt.,
Pole Systems Ltd.,
100 Hoka Street,
WINNIPEG, Manitoba.
R2H OS9

P.A. Magel, Gen. Mgr.,
Polycast Industrial Products,
1654 St. James Street,
WINNIPEG, Manitoba.
R3H OL3

L.A. Davies, Manager,
Portage Creamery,
Main Street,
PORTAGE LA PRAIRIE, Manitoba.
R1N 1M6

G. Warren, Owner,
Portage Memorials,
125-3rd St. N.E.,
PORTAGE LA PRAIRIE, Manitoba.
R1N 1N9

D. Poulin, Pres & Gen. Mgr.,
Poulin Limited,
24 Marion Street,
WINNIPEG, Manitoba.
R2H OS9

R.G. Andison, Pres & Gen. Mgr.,
Powell Equipment (1978) Ltd.,
1455 Buffalo Pl.,
WINNIPEG, Manitoba.
R3T 1L8

R. Bobrowski, Gen. Manager,
Power-Matic Industries Ltd.,
P.O. Box 315,
MORRIS, Manitoba.,
ROG 1KO

P.L. Reimer, Pres & Gen. Mgr.,
Prairie Cab Ltd.,
Box 900,
WINKLER, Manitoba.
ROG 2XO

S. Hochman, Pres & Gen. Mgr.,
Prairie Produce (1977) Ltd.
694 Logan Avenue,
WINNIPEG, Manitoba.
R3E 1M4

M. Rutherford, President,
Prairie Reman Ltd.,
420 Des Meurons Street,
WINNIPEG, Manitoba.
R2H 2P2

G. Kuik, President,
Premier Printing Limited,
1249 Plessis Road,
WINNIPEG, Manitoba.
R2C 3L9

J.F. Feigelman, Pres & Mgr.,
Pre-Vue Co (Canada) Ltd.,
1695 Sargent Avenue,
WINNIPEG, Manitoba.
R3H OC4

G. Landes, Gen. Manager,
Pre-Vue Canada Ltd.,
945 King Edward Street,
WINNIPEG, Manitoba.
R3H OP9

J.A. Prendiville, Op. Mgr.,
Prendiville Sawmills Ltd.,
165 Ryan Street,
WINNIPEG, Manitoba.
R2R ON9

R. Knechtel, Prod. Mgr.,
Prendiville Wood Preserves Co.,
P.O. Box 279,
NEEPAWA, Manitoba.

G.D. Law, President,
E.H. Price Limited,
633 Golspie Street,
WINNIPEG, Manitoba.
R2K 2V2

L. Tallman, President,
Princess Auto and Machinery Ltd.
475 Panet Road, Box 1005,
WINNIPEG, Manitoba.
R3C 2W7

J.D. Scott, Gen. Manager,
Pritchard Engineering Co. Ltd.,
P.O. Box 1740,
WINNIPEG, Manitoba.
R3C 3A1

Ralph Shaff, Pres & Gen. Mgr.,
Progress Canada (1977) Ltd.,
207-209 Jarvis Avenue,
WINNIPEG, Manitoba.
R2W 2Z9

R.K. McComb, Manager,
Progress Plastics Ltd.,
154 Paramount Road,
WINNIPEG, Manitoba.

F. Reinisch, Manager,
Progressive Manufacturing Co.,
Box 19, RR 1, Group 1,
WINNIPEG, Manitoba.
R3C 2E4

L.A. Mainster, Manager.
Promo Vision Communications Ltd
400-352 Donald Street,
WINNIPEG, Manitoba.
R3B 2H8

S. Szumlanski, President,
Promo-Wear Limited,
TEULON, Manitoba.
ROC 3BO

R.A. Fraser, Manager,
Public Press Limited,
1760 Ellice Avenue,
WINNIPEG, Manitoba.
R3H OB6

A.F. Pue, Gen. Mgr.
Pue's Interior Furnishings,
536 Rosser Avenue, Box 1022,
BRANDON, Manitoba.
R7A 6A3

R.G. Schram, Branch Manager,
Pullman Trailmobile Canada Ltd.,
50 Omands Creek Blvd.,
WINNIPEG, Manitoba.

R.D. Gurevich, Sr. Plnr.,
Pulse Industrial Electronics
538 Berry Street,
WINNIPEG, Manitoba.
R3H OR9

E.H. Purvis, Gen. Manager,
Purvis Navcon Shipyard Ltd.,
P.O. Box 18, Group 202, RR 2,
SELKIRK, Manitoba.
R1A 2A7

N.C. Pydee, President,
Pydee Engineering Co. Ltd.,
1018 Sherbrook Street,
WINNIPEG, Manitoba.
R3A 1N8

A.M. Cham, President,
Quality Bed & Spring Limited,
813 Henry Avenue,
WINNIPEG, Manitoba.
R3E 1V4

B. Toews, Vice-Pres. & Gen. Mgr.,
Quality Communication Products,
P.O. Box 1328,
MORDEN, Manitoba.
ROG 1JO

W.M. Paluk, Pres & Manager,
Queen Anne Upholstering Co. Ltd.
75 Trottier Bay,
WINNIPEG, Manitoba.
R3T 3R3

R. Cuddleford, Manager,
Quest Metal Products Ltd.,
949 Erin Street,
WINNIPEG, Manitoba.
R3G 2W6

W.A. Scott, President,
Quick Field Products,
200-1200 Pembina Hwy.,
WINNIPEG, Manitoba.
R3T 3A7

I. Raber, Pres & Manager,
Raber Glove Mfg. Co. Ltd.,
560 McDermot Avenue,
WINNIPEG, Manitoba.
R3A OC1

B. Raber, Pres & Manager,
Raber Togs Mfg. Co. Ltd.,
4th Flr, 39 Princess St.,
WINNIPEG, Manitoba.
R3B 1K1

C. Levenstein, President,
Readyfoods Limited,
260 Princess Street,
WINNIPEG, Manitoba.
R3B 1M2

R. Hurley, Gen. Manager,
Red River Brick & Tile,
Hwy #44,
LOCKPORT, Manitoba
ROG 1WO

E.J. Mattern, Gen. Manager,
Reed Ltd. Packaging Group,
1750 Inkster Blvd.,
WINNIPEG, Manitoba.
R2X 1R4

C. Golfman, President,
Regal Furniture Mfg. Co.,
1032 Logan Avenue,
WINNIPEG, Manitoba.
R3E 1P5

I. Kay, President,
Regal Spring-Air Mattress Ltd.,
1765 Sargent Avenue,
WINNIPEG, Manitoba.
R3H OC6

D. Green, Managing Dir.
Regent Press Limited,
136 Market Avenue,
WINNIPEG, Manitoba.
R3D OP4

F. Scherer, President,
Reid & Eibner Limited,
358 Ross Avenue,
WINNIPEG, Manitoba.
R3A OL4

W.F. Reimer, Owner,
Reimer Overhead Doors Ltd.,
STEINBACH, Manitoba.
ROA 2AO

S. Reiss, Manager,
Reiss Fur Company Ltd.,
275 McDermot Avenue,
WINNIPEG, Manitoba.
R3B OS9

C. Brock, Mktg. Mgr.,
Reliance Press Ltd.,
1397 Erin Street,
WINNIPEG, Manitoba.
R3E 2S9

S. Berney, President,
Reliance Products Ltd.,
1830 Dublin Avenue,
WINNIPEG, Manitoba.
R3H OH3

R. Bianchi, President,
Reny's Bakery,
1760 Ness Avenue,
WINNIPEG, Manitoba.
R3J OY1

O. Yan, Manager,
Rice Sportswear Limited,
1270 Notre Dame Avenue,
WINNIPEG, Manitoba.
R3E OP3

D. Rich, Manager,
Richlu Sportswear,
4th Flr, 85 Adelaide Street,
WINNIPEG, Manitoba.
R3A O9

I.A. Conn, Pres & Gen. Mgr.,
River Valley Store Fixtures Ltd.,
1570 Church Avenue,
WINNIPEG, Manitoba.
R2X 1G8

D.H. Baldner, Pres & Gen. Mgr.
Robinson & Webber Ltd.,
1569 Orange Street,
WINNIPEG, Manitoba.
R3E 3B5

J.J. Roddy, President,
Roddy Uniforms (1978) Ltd.,
296 McDermot, Box 1619
WINNIPEG, Manitoba.
R3B OT2

O. Van Walleghem, Manager,
Royal Crest Foods,
842 Cambridge Street,
WINNIPEG, Manitoba.
R3M 3H4

W. Hiller, Pres & Manager,
Royal Upholsterers (1977) Ltd.,
311 Nairn Avenue,
WINNIPEG, Manitoba.
R2L OW8

R. Messner, Gen. Mgr.,
Ruftrus Building Components Ltd.,
1390 Pacific Avenue,
WINNIPEG, Manitoba.
R3E 1G6

R. Hicock, Gen. Mgr.,
S.B.W. Metal Fab Ltd.,
1295 Chevrier Blvd.,
WINNIPEG, Manitoba.
R3T 1Y4

B. Stone, Mgr.,
S & S Sportswear Ltd.,
398 Ross Avenue,
WINNIPEG, Manitoba.

H.W. McKenzie, Reg. Manager,
Safeguard Business Systems Ltd.,
24 Bunting Street,
WINNIPEG, Manitoba.
R2X 2P6

A.H. Strock, President,
Sanford Evans Publishing Ltd.,
1077 St. James Street,
P.O. Box 6900,
WINNIPEG, Man. R3C 3B1

L.O. Pollard, President,
Saults & Poliard (1971) Ltd.,
1499 Buffalo Place,
WINNIPEG, Manitoba.
R3T 1L7

M. Schacter, President,
Schacter's Ltd.,
663 Main Street,
WINNIPEG, Manitoba.
R3B 1E3

G. L. Schmidtke, President,
Schmidtke Millwork Ltd.,
Box 2470 #78 Townline Rd.,
BLUMENORT, Manitoba.
ROA OCO

M.J. Curran, Gen. Manager,
J.M. Schneider Inc.,
633 Marion Street,
WINNIPEG, Manitoba.
R2J OT3

J.S. Malmgren, President,
Scotchman Industries of Canada
965 Fife Street,
WINNIPEG, Manitoba,
R2X 2T9

D. Benson, President,
Scott Screen & Wire Co. Ltd.,
755 Tache Avenue,
WINNIPEG, Manitoba.
R2H 2C1

J.C. Burt, President,
Scott-Bathgate Co. Ltd.,
149 Pioneer Avenue, Box 76,
WINNIPEG, Manitoba.
R3C 2M8

R.G. Reid, Gen. Manager,
Screen Print Advertising Ltd.,
223 Archibald Street,
WINNIPEG, Manitoba.
R2J OW5

R.P. Spear, President,
Scripline Limited,
1225 Loudoun Road,
WINNIPEG, Manitoba.
3S 1A3

L. Rogers, Manager,
Sealy (Western) Ltd.,
431 Thames Avenue,
WINNIPEG, Manitoba,
R2L 2A5

J. Chmelnitsky, Gen. Mgr.,
Seder Sportswear Ltd.,
6th Flr, 43 Westbrook Street,
WINNIPEG, Manitoba.
R3B OZ5

E.R. Davis, Gen. Mgr.,
Seedex Canada Limited,
P.O. Box 488,
CARMAN, Manitoba.
ROX OSO

A. Main, Gen. Manager,
Sekine Canada Ltd.,
P.O. Box 307,
RIVERS, Manitoba.
ROK IXO

E.H. Purvis, Manager,
Selkirk Machine Works Ltd.,
490 Main Street,
SELKIRK, Manitoba.
R1A 1W3

G. Kroft, Pres & Manager,
Selkirk Publishers Ltd.,
217 Clandeboyd Avenue, Box 187,
SELKIRK, Manitoba
R1A 2B2

W.J. Pollock, President,
Selkirk Redi-Mix Co. Ltd.,
Box 305,
SELKIRK, Manitoba,
R1A 2B3

H. Driben, Gen. Manager,
Selkirk Wood Industries Ltd.,
1390 Church Avenue,
WINNIPEG, Manitoba.
R2X 1G4

C. Shefrin, Manager,
Shefrin Industries Ltd.,
885 Century Street,
WINNIPEG, Manitoba
R3H OM3

H. Turner, Manager,
Shell Canada Limited,
St. Boniface Refinery,
250 Panet Toad, P.O. Box 130,
WINNIPEG, Man. R2H 34

B. Sabourin, Gen. Mgr.,
Sheller-Globe Manitoba Ltd.,
P.O. Box 460,
MORRIS, Manitoba.
ROG 1KO

J.A. MacLellan, Gen. Mgr.,
Sherritt Gordon Mines Ltd.,
LYNN LAKE, Manitoba.
ROB OWO

C. Kohli, Manager,
Shopost Iron Works Ltd.,
675 Plinquet Street,
WINNIPEG, Manitoba.
R2J 2X1

M. Shore, President,
Shore Glass & Bldg. Supplies
P.O. Box 3611, Station B,
WINNIPEG, Manitoba.
R2W 3R4

G.A. Shepherd, Manager,
Silverwood Dairies Ltd.,
1525 Buffalo Pl.,
WINNIPEG, Manitoba.
R3T 3Y3

R.D. Davidson, en. Mgr.,
Simmons Ltd.,
121 Gomez Street,
WINNIPEG, Manitoba.
R2W 3J3

E. Crowder, Vice-Pres & Gen.Mgr.
Simplot Chemical Company Ltd.,
P.O. Box 940,
BRANDON, Manitoba.
R7A 6A1

J. Peloquin, Gen. Mgr.,
George D. Simpson Mfg. Co.,
530 Sheppard Street,
WINNIPEG, Manitoba.

H.C. Hearnden, Vice-President,
Sinclair & Valentine Co. of Cda.
800 Berry Street,
WINNIPEG, Manitoba.
R3H OS6

H. Weitman, Bus. Advisor,
Sioux Valley Handicrafts Inc.,
P.O. Box 53,
GRISWOLD, Manitoba.
ROM OSO

R. Hooker, President,
Sivak Company Limited,
1085 Winnipeg Avenue,
WINNIPEG, Manitoba.
R3E OS2

W.A. Friesen, Gen. Mgr.,
Skills Unlimited,
201 Scott Street, Box 1737,
WINNIPEG, Manitoba.
R3C 2Z9

Wm. Davidow, Pres & Manager,
Smith's Corned Beef & Sausage Co.
1434 Church Avenue,
WINNIPEG, Manitoba.
R2X 1G4

I.B. Maconald, Op. Mgr.,
Somerville Belkin Industries Ltd.
1885 Sargent Avenue,
WINNIPEG, Manitoba.
R3H OE2

L. Matheis, Supt.,
Soo Line Mills (1969) Ltd.,
7 Higgins Avenue,
WINNIPEG, Manitoba.
R3B OA1

M. From, President,
Souris Plastics ('77) Ltd.,
P.O. Box 340,
SOURIS, Manitoba.
ROK 2CO

A. Friesen, Gen. Mgr.,
South East Forest Products Ltd.,
Box 8,
BLUMENORT, Manitoba.
ROA OCO

E.A. Speers, President,
Speers Mconigal Ltd.,
345 Higgins Avenue,
WINNIPEG, Manitoba.
R3A OV4

K.F. Clark, President,
Spiroll Corporation Ltd.,
385 Dawson Road,
WINNIPEG, Manitoba.
R2J OS8

E. Albersheim, President,
Sport-Ease Fashions Ltd.,
6th Flr. Bedford Bldg.,
281 McDermot Avenue,
WINNIPEG, Manitoba. R3B 09

A.A. DeFehr,Gen. Mgr.,
Springfield Industries Ltd.,
590 Washington Avenue,
WINNIPEG, Manitoba.
R2K 1M2

F.G. Marvin, Gen. Mgr.,
Spruce Products Ltd.,
810 Childs Bldg, 211 Portage,
WINNIPEG, Manitoba.
R3B 2A2

M.J. Gobuty, President,
Squire Mfg. International Inc.
330 Elgin Avenue,
WINNIPEG, Manitoba.
R3A OK6

M.J. Barager, Manager,
Stanchem, Limited,
681 Plinquet Street,
WINNIPEG, Manitoba. R2J 2X2

H.W. Grant, Pres & Gen. Mgr.,
Standard Aero Limited,
#6 Hangar, Intern'l Airport,
WINNIPEG, Manitoba.
R2R OS8

R. Blowers, Div. Mgr.,
Standard Brands Food Co.,
65 Stevenson Rd.,
WINNIPEG, Manitoba.
R3H OJ2

L. Kliman, Pres & Gen. Mgr.,
Standard Knitting Ltd.,
84 Isabel Street,
WINNIPEG, Manitoba.
R3A 19

Mr. Smilianov, President,
Standard Litho-Plate Ltd.,
461 Furby Street,
WINNIPEG, Manitoba.
R3B 2V7

N.M. Bickell, Pres & Gen. Mgr.,
Standard Machine Works Ltd.,
660 St. Matthews Avenue,
WINNIPEG, Manitoba.
R3G OG8

J.E. Wren, Manager,
Standard Tube Canada Ltd.,
47 Milner Street,
WINNIPEG, Manitoba.
R2X 2P7

R.J. Kraushar, President,
Standard Welding & Mfg. Co.,
65 St. Matthews Avenue,
WINNIPEG, Manitoba.
R3G 08

F.E.P. Pearson, Div. Mgr.
Steel Brothers Canada Ltd.,
1325 Ellice Avenue,
WINNIPEG, Manitoba.
R3G OG1

A.B. Rempel, Pres & Manager.
Steinbach Mills Ltd.,
P.O. ox 1089,
STEINBACH, Manitoba.
ROA 2AO

W.R. Reimer, Manager,
Steinbach Hatchery Ltd.,
Box 1178,
STEINBACH, Manitoba.
ROA 2AO

J.J. McArdle, Gen. Mgr.,
Steldor Hardware Ltd.,
975 Logan Avenue,
WINNIPEG, Manitoba.
R3E 1P3

J.R. Stephenson, President,
J.R. Stephenson Limited,
555 Madison Street,
WINNIPEG, Manitoba.
R3H OL6

G.L. Johnson, Manager,
Sterling Engine Works Ltd.,
33 Water venue,
WINNIPEG, Manitoba.
R3C OJ1

A. Filkow, President,
Sterling Glove Co. Ltd.,
165 Selkirk Avenue E.,
WINNIPEG, Manitoba.
R2W 2L3

N. Stall, Pres & Manager,
Sterling Stall Ltd.,
110 Princess Street,
WINNIPEG, Manitoba.

J.R. Donaldson, Gen. Mgr.,
Storm-Tite Industries Ltd.,
1510 Wall Street,
WINNIPEG, Manitoba.
R3E 2S4

J. Stuart, President,
John Stuart Limited,
106 Government Rd. Allowance,
GRANDVIEW, Manitoba.
OL OYO

L.E. Ferguson, Manager,
Swift Canadian Co. Ltd.,
738 Archibald Street, Box 865,
WINNIPEG, Manitoba.
R3C 2R9

B. Oliver, Manager,
Swift Canadian Co. Ltd.,
738 Archibald Street,
WINNIPEG, Manitoba.
R2J OT4

D.W. Putnam, Dist. Sls Mgr.,
Sylvania Lighting Fixtures,
540 Marjorie Street,
WINNIPEG, Manitoba.
R3H OS9

J.L. Jobin, Man. Br. Mgr.,
Systems Equipment Limited,
1595 Buffalo Pl.
WINNIPEG, Manitoba.
R3T 1M1

A. Topf, President,
T & T Jeans Ltd.,
290 McDermot Avenue,
WINNIPEG, Manitoba.
R3B OT2

P.J. Nygard, President,
Tan-Jay Ltd.,
1340 Notre Dame Avenue,
WINNIPEG, Manitoba.
R3E OP4

C.T. Williams, Manager,
Tantalum Mining Corp. Canada,
BERNIC LAKE, Manitoba.
ROE OGO

H. Cogan, President,
Tasty Seeds Ltd.,
144 Plymouth Street,
WINNIPEG, Manitoba.

J. Brasko, Manager,
Tatra Ornamental Iron Works,
111 Burnett venue,
WINNIPEG, Manitoba.
R2G 1C2

R. Bell, Gen. Mgr.,
Teledyne Canada Foundries,
31-1313 Border Street,
WINNIPEG, Manitoba.
R3H OX4

L.D. Watson, Manager,
Teledyne Canada Ltd.,
54 Archibald Street,
WINNIPEG, Manitoba.
R2J OV8

A.W. Janke, Gen. Mgr.
Temro Operations, Budd
Automotive Co.,
P.O. Box 962,
WINNIPEG, Man. R3C 2V3

K. Wong, President,
Terra Implements Ltd.,
284, 6th Avenue N.W.
MINNEDOSA, Man. ROJ 1EO

D. Hendin, Manager,
Toronto Quilting and Embroidery,
1240 Fife Street,
WINNIPEG, Manitoba. R2X 2N6

E.A. Lins, Pres & Gen. Mgr.,
Travelall Limited,
Pembina Highway,
GLENLEA, Manitoba.
ROG OSO

M. Timmerman, Owner,
Treherne Concrete & Supplies Ltd.,
Box 173,
TREHERNE, Manitoba.
ROG 2VO

R. Jacobucci, Pres & Mgr.,
Trevi-Tile Company,
1500 Wall Street,
WINNIPEG, Manitoba.
R3E 2S4

A. Pawlik, President,
Trident Press Ltd.,
840 Main Street,Box 3629, Stn B,
WINNIPEG, Manitoba.
R2W 3R4

J. Fehr, President,
Triman Industries Ltd.
Box 537,
MORDEN, Manitoba.
ROG 1JO

P.R. Ens, President,
Triple-E Canada Ltd.,
Box 1230,
WINKLER, Manitoba.
ROG 2XO

Wm. A. Linden, President,
Troy Metal Industries Ltd.,
P.O. Box 38,
PORTAGE LA PRAIRIE, Manitoba.
R1N 3B2

G.A. Nemeth, Gen. Mgr.,
Turbo Refineries Ltd.,
471 Madison Street,
WINNIPEG, Manitoba.
R3J 1J2

J. McDonald, Manager,
Turner, Seymour of Canada Ltd.,
455 Edison Avenue,
WINNIPEG, Manitoba.
R2G OM2

J. McDonald, Manager,
Turner & Seymour of Canada Ltd.,
Red River Chain Division,
455 Edison Avenue,
WINNIPEG, Manitoba. R2J OM2

J. Hielkema,Gen. Manager,
Typoplate Limited,
531 Notre Dame Avenue,
WINNIPEG, Manitoba.
R3B 1S2

F. Cutuk, President,
Unicity Cabinet Factory Ltd.,
4040 Main Street,
WINNIPEG, Manitoba.

R.K. Rogers, Sls. Mgr.,
Union Carbide Canada Ltd.,
1240 Sherwin Rd.,
WINNIPEG, Manitoba.
R3H OV3

A.S. Wener, Pres & Mgr.,
United Garments (1966) Ltd.,
43 Westbrook Street,
WINNIPEG, Manitoba.
R3B OX5

G. Moss, Gen. Mgr.,
United Grain Growers,
433 Main Street,
WINNIPEG, Manitoba.
R3B 13

D.J. Bell, Mgr. Seed Div.
United Grain Growers, Seed Div.
P.O. Box 100,
ST. NORBERT, Manitoba.
R3V 1L5

A.A. Braunstein, Pres & Mgr.,
United Industries Ltd.,
293 Princess Street, Box 788,
WINNIPEG, Manitoba.
R3C 2N4

D.A. McFee, President,
Universal Printers Ltd.,
706 Bradford Street, Box 804,
WINNIPEG, Manitoba.
R3C 2N8

Mrs. E. Raber, President,
Utility Glove (1961) Limited,
558 McDermot Avenue,
WINNIPEG, Manitoba.
R3A OC1

S. Ritter, Director,
VIP Communications Ltd.,
350 Donald Street,
WINNIPEG, Manitoba.
R3B 2H7

Mr. Roher, President,
Valley Abattoir,
MINITONAS, Manitoba.
ROL 1GO

Mr. Osadac, Pl. Mgr.,
Varta Batteries Ltd.,
1717 Wellington Avenue,
WINNIPEG, Manitoba.
R3H OE7

S.W. Knight, President,
Venus Industries Limited,
108 Vopni venue,
WINNIPEG, Manitoba.
R2R OK2

P.M. Soubry, President,
Versatile Manufacturing Co.,
1260Clarence Avenue,
WINNIPEG, Manitoba.
R3T 1T3

M. Gobuty, Gen. Mgr.,
Victoria Leather Jacket Co. Ltd
1266 Fife Street,
WINNIPEG, Manitoba.
R2X 2N6

F. Moddemann, Manager,
Vita Health Co. Ltd.,
1025 Dugald Road,
WINNIPEG, Manitoba.
R2J OG8

Mr. Roncadin, Br. Mgr.,
Vitafoam Products Canada Ltd.,
15 May Street,
WINNIPEG, Manitoba.
R3B OG8

Ian A. Mackenzie, President,
Vopni Press Limited,
201 Saskatchewan Avenue E.,
PORTAGE LA PRAIRIE, Manitoba.
R1N 3B4

B. Schon, General Manager,
Vu-Pak Company,
895 Century Street, Box 1076
WINNIPEG, Manitoba.
R3C 2Y2

W. Kolisnyk, President,
W.K. Printers' Aid Limited,
2nd Flr. 208 Princess Street,
WINNIPEG, Manitoba.
3B 1L4

E. Pachol, Manager,
Waco Western Hardware Ltd.,
9 Higgins Avenue,
WINNIPEG, Manitoba.
R3B OA1

F.D. Scherer, Pres & Gen. Mgr.,
Wallingford Press Ltd.,
358 Ross Avenue,
WINNIPEG, Manitoba.
R3A OL4

B. Clapson, Sales Manager,
Wander Limited,
500 Pandora Avenue West,
WINNIPEG, Manitoba.
R2C 1N1

E. Hoffer, President,
Washtronics Ltd.,
866 King Edward Street,
WINNIPEG, Manitoba.
R3H OP7

J. Bigourdan, Manager,
Watkins Incorporated,
90 Annabella Street,
WINNIPEG, Manitoba.
R3B OG1

G. Smith, Pres & Gen. Mgr.,
Watson Iron and Wire Ltd.,
40 Caithness Road,
WINNIPEG, Manitoba.
R3H OV4

G.S.R. Letchford, President,
Watsons Warehouse-Trucks,
357 Archibald Street,
WINNIPEG, Manitoba.
R2J O6

M. Matheson, Manager,
Weavers West,
222 McDermot Avenue,
WINNIPEG, Manitoba.
R3B OS3

D. Weidman, President,
Weidman Foods Inc.,
387 Sutherland Ave. Box 74,
WINNIPEG, Manitoba.
R3C 2G1

P. Weiss, President,
Philip Weiss Limited,
41 May Street,
WINNIPEG, Manitoba.
R3B OH1

M.J. Welby, President,
Welby's Fine Furniture Ltd.,
164 Isabel Street,
WINNIPEG, Manitoba.
R3A 1G5

E.L. Cherwick, President,
Welclad Industries Canada Ltd.,
515 Munroe Avenue,
WINNIPEG, Manitoba.
R2K 1H7

S. Scott, President,
Wescott Fashions Limited,
1150 Fife Street,
WINNIPEG, Manitoba.
R2X 2Z4

F.E. Campbell, President,
West End Tire Co. Ltd.,
208 Fort Street,
WINNIPEG, Manitoba.
R3C 1E4

K. Katz, President,
West End Upholsterers Ltd.,
1520 Wall Street,
WINNIPEG, Manitoba.
R3E 2S4

M.R. Vidler, Prop.
West-Wind Aluminum Window Mfg.
1079 Keewatin Street,
WINNIPEG, Manitoba.
R2X 2Z3

P. Kosheluk, Br. Mgr.,
Westank-Willock Limited,
346 Oak Point Hwy, Box 82,
WINNIPEG, Manitoba.
R3E 1TO

J.N. Steel, President,
Westcan Insulation Industries,
1000 Coulter Avenue,
WINNIPEG, Manitoba.
3E 08

G.W.Sanderson, Manager,
Westeel-Rosco Ltd.,
P.O. Box 792,
WINNIPEG, Manitoba.
R3C 2N5

W. Bayn, Manager,
Western Aero Engine Limited,
410 Madison Street,
WINNIPEG, Manitoba.
R3J 1J1

A. Rosenberg, Pres & Manager,
Western Cabinet & Interiors Ltd.
276 Holden Avenue,
WINNIPEG, Manitoba.
R2J OJ4

E.R. Rosenblat, Vice-Pres.,
Western Concrete Products,
1920 Park Avenue,
BRANDON, Manitoba.
R7A 5Y6

E.G. Eggertson, President,
Western Elevator & Motor Co. Ltd.
123 Princess Street,
WINNIPEG, Manitoba.
R3B 1K8

H.P. Hardy, President,
Western Engine Limited,
410 Madison Street,
WINNIPEG, Manitoba.
R3J 1J1

H.B. Mitchell, Manager,
Western Garment Mfg. Ltd.,
86 Adelaide Street,
WINNIPEG, Manitoba.
R3A OW3

K.S. Raber, President,
Western Labeled Gloves & Mitts,
560 McDermot Avenue,
WINNIPEG, Manitoba.
R3A OC1

E. Meltzer, President,
Western Paper Box Co. Ltd.,
579 McDermot Avenue,
WINNIPEG, Manitoba.
R3A OC3

K. Biglow, Manager,
Western Peat Moss Ltd.,
Moss Spur,
SEDDONS CORNER P.O., Manitoba.
ROE 1XO

M. Demetrioff, President,
Western Rawhide & Harness Co.,
700 Mission Street,
WINNIPEG, Manitoba.
R2J OA3

K. Gray, Gen. Manager,
Western Shoes Limited,
4th Flr, 136 Market Avenue,
WINNIPEG, Manitoba.
R3B OP4

M.D. Booty, President,
Westfair Foods Ltd.,
P.O. Box 808,
WINNIPEG, Manitoba.
R3C 2P1

B. Plett, Manager,
Westfield Industries Ltd.,
P.O. Box 39,
ROSENORT, Manitoba.
ROG 1WO

J.M. Lemoine, President,
Westnofa of Canada Ltd.,
672 Kimberley Avenue,
WINNIPEG, Manitoba.
R2K OY2

E. Hodge, Gen. Manager,
Weston Bakeries Limited,
666 Elgin Avenue,
WINNIPEG, Manitoba.
R3E 1B2

W.R. Crawford, Area Sls. Mgr.,
Westroc Industries Ltd.,
1200 Empress Street,
WINNIPEG, Manitoba.
R3E 3B4

W. Cameron, President,
Westrock Battery & Auto Supply,
601 Logan Avenue,
WINNIPEG, Manitoba.
R3A OS6

D.S. Nicol, Manager,
Wheat City Concrete Products,
918 McTavish Avenue East,
BRANDON, Manitoba.

M. Allarie, Manager,
White Buffalo Enterprises,
P.O. Box 88,
CAMPERVILLE, Manitoba.
ROL OJO

W.. Howe, Pres & Gen. Mgr.,
White Buffalo Mills Ltd.,
545 Assiniboine Avenue,
BRANDON, Manitoba.
R7A OG3

C. Zeglinski, President,
White Shell Quarries Ltd.,
10 Rowe Street,
WINNIPEG, Manitoba.
R2G 1R8

W. A. Fast, President,
Willmar Window Industries Inc.,
485 Watt Street, Box 99, "F"
WINNIPEG, Manitoba.
R2L 2A5

F.T. Lewicki, Gen. Manager,
Wilson Auto Electric Ltd.,
600 Golspie Street,
WINNIPEG, Manitoba.
R2K 2V1

L. Morin, Prod. Mgr.,
Winnipeg Banknote Company Ltd.,
100 Irene Street,
WINNIPEG, Manitoba.
R3T 4E1

M. Simenik, Gen. Mgr.,
Winnipeg Bias Fabric Mfg. Co.,
111-B Lombard Ave E.,
WINNIPEG, Manitoba.
R3B OT4

D. Nicol, Publisher,
Winnipeg Free Press Co. Ltd.,
300 Carlton Street,
WINNIPEG, Manitoba.
R3C 3C1

K.H. Hallson, Gen. Mgr.,
Winnipeg Hydro Electric System,
5th Flr, City Hall, Civic Ctr.,
WINNIPEG, Manitoba.
R3B 1C1

F. Shymko, Manager,
Winnipeg Iron Works Ltd.,
1270 Sargent Avenue,
WINNIPEG, Manitoba.
R3E OG1

A Yukelis, President,
Winnipeg Leather Goods Mfg. Ltd.
310 Ross Avenue,
WINNIPEG, Manitoba.
R3A OL4

H.P. Gale, Vice-President,
Winnipeg Photo Ltd.,
1395 Inkster Blvd.,
WINNIPEG, Manitoba.
R3C 3A3

S. Blank, President,
Winnipeg Rendering Co. Ltd.,
347 Dupuy Avenue,
WINNIPEG, Manitoba.
R2J OT3

J. Doole, Gen. Manager,
Winnipeg Supply & Fuel Co.,
75 Cole Avenue, Box 834,
WINNIPEG, Manitoba.
R3C 3J8

F. Ingaldson, Manager,
Winnipeg Wholesale Grocery Ltd.,
128 James Avenue East,
WINNIPEG, Manitoba.
R3B ON8

G.O. Rodrique, Manager,
Winnipegosis Box & Millwork Ltd.,
Box 60,
WINNIPEGOSIS, Manitoba.
ROC 2G0

J.R. Lavery, President,
Winpak Limited,
100 Saulteau Crescent,
WINNIPEG, Manitoba.
R3J 3C7

S. Naday, President,
Wintex Industries Ltd.,
44 Princess Street,
WINNIPEG, Manitoba.
R3B 1K2

W. Wittenberg, Manager,
L. Wittenberg & Sons Ltd.,
14 Nolana Street,
WINNIPEG, Manitoba.
R2V 3B7

H. Wittler, Pres & Gen. Mgr.,
Wittler Furniture Ltd.,
691 Golspie Street,
WINNIPEG, Manitoba.
R2K 2V3

F.S. Ritchie, Br. Mgr.,
Wyant and Company Limited,
Bay 1-3, 1865 Sargent Avenue,
WINNIPEG, Manitoba.
R3H OE4

H. Neudorf, President,
Yaeger's Furs (1976) Ltd.,
602 Rosser Avenue,
BRANDON, Manitoba.
R7A 5Z8

L. Leibl, Manager,
York Tire Company,
123 Fort Street,
WINNIPEG, Manitoba.
R3C 1C6

Personnel Manager,
Gondola Pizza Restaurant,
1292 Pembina Hwy.,
FORT GARRY, Manitoba.

Personnel Manager,
King's Plate Cabaret,
272 Portage Avenue,
ST. JAMES, Manitoba.

Personnel Manager,
Mr. Submarine,
383 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Old Spaghetti Factory,
291 Bannatyne,
WINNIPEG, Manitoba.

Personnel Manager,
R J's House of Pizza,
1416 Henderson Hwy,
WINNIPEG, Manitoba.

Personnel Manager,
Smitty's Pancake House,
8 - 2305 McPhillips,
WINNIPEG, Manitoba.

Personnel Manager,
Country Kitchen,
201 - 18th Street North,
BRANDON, Manitoba.

Personnel Manager,
Keg & Cleaver Restaurant,
1836 Brandon Avenue,
BRANDON, Manitoba.

Personnel Manager,
Role 'N Pin Family Restaurant,
1944 Queens,
BRANDON, Manitoba.

Personnel Manager,
Happy Vineyard,
715 Ellice Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Lock Stock & Barrel Ltd.,
171 McDermot,
WINNIPEG, Manitoba.

Personnel Manager,
MotherTucker's Food Experience,
333 Donald Street,
WINNIPEG, Manitoba.

Personnel Manager,
Pizza Place Family Restaurants,
141 Donald Street,
WINNIPEG, Manitoba.

Personnel Manager,
Rae & Jerry's Steak House,
1405 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Town 'N Country Cabaret &
Steak House,
317 Kennedy Street,
WINNIPEG, Manitoba.

Personnel Manager,
Double Bar S Family Restaurant,
1320 - 18th Street,
BRANDON, Manitoba.

Personnel Manager,
Kohonos Restaurant & Lounge,
1011 Rosser,
BRANDON, Manitoba.

Personnel Manager,
Soo's Chop Suey House,
220 - 10th Street,
BRANDON, Manitoba.

Personnel Manager,
Ichi Ban Japanese Steak House,
189 Carlton Street,
WINNIPEG, Manitoba.

Personnel Manager,
McDonald's Restaurant of Canada
1214A Grant Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Niakwa Pizza,
1274 Archibald,
ST. BONIFACE, Manitoba.

Personnel Manager,
Ponderosa Steak House,
1140 Pembina Hwy.,
FORT GARRY, Manitoba.

Personnel Manager,
Salisbury House of Canada Ltd.,
1475 King Edward Street,
ST. JAMES, Manitoba.

Personnel Manager,
Beef & Barrel Restaurant,
1st Street North,
BRANDON, Manitoba.

Personnel Manager,
Kam Lung Chinese Restaurant,
2330 Victoria,
BRANDON, Manitoba.

Personnel Manager,
Rodos Restaurant,
935 Rosser,
BRANDON, Manitoba.

Personnel Manager,
Canadian Inn,
BRANDON, Manitoba.

Personnel Manager,
Hillcrest Motel,
1st North,
BRANDON, Manitoba.

Personnel Manager,
Motel Western,
1148 - 18th,
BRANDON, Manitoba.

Personnel Manager,
North Hill Motel,
10th & Braecrest,
BRANDON, Manitoba.

Personnel Manager,
Victoria Inn,
3550 Victoria Avenue,
BRANDON, Manitoba.

Personnel Manager,
Balmoral Motor Hotel,
SE Balmoral & Notre Dame,
WINNIPEG, Manitoba.

Personnel Manager,
Dakota Village Motor Hotel Ltd.,
1105 St. Marys,
ST. VITAL, Manitoba.

Personnel Manager,
Lincoln Motor Hotel Co. Ltd.,
1030 McPhillips,
WINNIPEG, Manitoba.

Personnel Manager,
Motel 75,
829 Pembina Hwy,
WINNIPEG, Manitoba.

Personnel Manager,
Town House Motel,
1844 Pembina Hwy,
FORT GARRY, Manitoba.

Personnel Manager,
Brandon Inn,
156-9th Street,
BRANDON, Manitoba.

Personnel Manager,
Cecil Hotel,
30 - 10th Street,
BRANDON, Manitoba.

Personnel Manager,
City Centre Hotel Motel,
15 - 10th Street,
BRANDON, Manitoba.

Personnel Manager,
Crystal Hotel,
838 Pacific,
BRANDON, Manitoba.

Personnel Manager,
Keystone Motor Inn,
1050 - 18th Street,
BRANDON, Manitoba.

Personnel Manager,
Midway Hotel,
1st St. N. & Hwy 1A,
BRANDON, Manitoba.

Personnel Manager,
Red Oak Inn,
3130 Victoria W.,
BRANDON, Manitoba.

Personnel Manager,
Rodeway Inn Motel,
300 - 18th Street North,
BRANDON, Manitoba.

Personnel Manager,
Travelodge Brandon,
345 - 18th Street North,
BEANDON, Manitoba.

Personnel Manager,
A & W Food Services of Canada,
90 - 1313 Border,
ST. JAMES, Manitoba.

Personnel Manager,
Beachcomber Polynesian Restaurant
220 Carlton,
WINNIPEG, Manitoba.

Personnel Manager,
Bonanza Restaurants,
1863 Pembina Hwy,
FORT GARRY, Manitoba.

Personnel Manager,
Champs Food Systems Ltd.,
SW Sherbrook & Notre Dame,
WINNIPEG, Manitoba.

Personnel Manager,
Chicken Delight of Canada Ltd.,
395B Berry Street,
ST. JAMES, Manitoba.

Personnel Manager,
Cock 'N Bull Restaurant,
1870 Pembina Hwy.
FORT GARRY, Manitoba.

Personnel Manager,
Country Kitchen,
10 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
Crock & Block Restaurant,
1 - 444 St. Marys,
WINNIPEG, Manitoba.

Personnel Manager,
Westfair Foods Ltd.,
101 Weston,
WINNIPEG, Manitoba.

Personnel Manager,
Airliner Motor Hotel,
1740 Ellice Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Airport Motor Hotel,
1800 Ellice Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Assiniboine-Gordon Hotel & Motel
NE Portage & Albany,
WINNIPEG, Manitoba.

Personnel Manager,
Birchwood Inn,
2520 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Brandon Inn,
156 9th Street,
BRANDON, Manitoba.

Personnel Manager,
Chalet Gordon Hotel,
611 Archibald Street,
ST. BONIFACE, Manitoba.

Personnel Manager,
Charterhouse Hotel,
SE Hargrave & York,
WINNIPEG, Manitoba.

Personnel Manager,
City Centre Hotel,
NW Carlton & Ellice,
WINNIPEG, Manitoba.

Personnel Manager,
Downs Motor Inn,
3740 Portage Avenue,
ASSINIBOIA, Manitoba.

Personnel Manager,
The Fort Garry Hotel,
222 Broadway,
WINNIPEG, Manitoba.

Personnel Manager,
Gordon Hotels (1971) Ltd.,
1011 Henderson Highway,
EAST KILDONAN, Manitoba.

Personnel Manager,
Holiday Inn Winnipeg South,
1330 Pembina Highway,
WINNIPEG, Manitoba.

Personnel Manager,
International Inn,
1808 Wellington Avenue,
ST. JAMES, Manitoba.

Personnel Manager,
Kildonan Motor Hotel,
2100 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
Marlborough Inn,
331 Smith Street,
WINNIPEG, Manitoba.

Personnel Manager,
Norlander Motor Hotel,
1792 Pembina Highway,
FORT GARRY, Manitoba.

Personnel Manager,
Pembina Hotel & Motel,
Pembina & Parker,
WINNIPEG, Manitoba.

Personnel Manager,
Ramada Inn,
1824 Pembina Highway,
FORT GARRY, Manitoba.

Personnel Manager,
St. Regis Flag Inn,
285 Smith Street,
WINNIPEG, Manitoba.

Personnel Manager,
Sheraton-Carlton Motor Hotel,
220 Carlton Street,
WINNIPEG, Manitoba.

Personnel Manager,
Southwood Supper Club,
1855 Pembina Highway,
FORT GARRY, Manitoba.

Personnel Manager,
Travelodge Winnipeg East-Niakwa,
20 Alpine,
ST. VITAL, Manitoba.

Personnel Manager,
Village Inn Motor Hotel,
SE Portage & Westwood,
ASSINIBOIA, Manitoba.

Personnel Manager,
Viscount Gort Flag Inn,
1670 Portage Avenue,
ST. JAMES, Manitoba.

Personnel Manager,
Westminster Motor Hotel,
NE Westminster & Sherbrook,
WINNIPEG, Manitoba.

Personnel Manager,
Barney's Motel,
Jct Trans Canada Hwy, 1 & 10,
BRANDON, Manitoba.

Personnel Manager,
Investors Group Trust Co. Ltd.,
280 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Montreal Trust,
221 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
National Trust Co. Ltd.,
250 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
North Canadian Trust Co.,
209 - 259 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
North West Trust Company,
234 Portage venue,
WINNIPEG, Manitoba.

Personnel Manager,
Canadian Permanent Trust Co.,
433 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Pioneer Trust Company,
5th Flr - 280 Smith Street,
WINNIPEG, Manitoba.

Personnel Manager,
Regent Trust Company,
877 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Royal Trust,
146 - 1120 Grant Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Canada Trust,
636 Rosser,
BRANDON, Manitoba.

Personnel Manager,
Fort Garry Trust Company,
921 Rosser,
BRANDON, Manitoba.

Personnel Manager,
North Canadian Trust,
5-217 10th Street,
BRANDON, Manitoba.

Personnel Manager,
Bank of Montreal,
Portage & Main,
WINNIPEG, Manitoba.

Personnel Manager,
Bank of Nova Scotia,
200 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Canadian Imperial Bank of
Commerce,
One Lombard Place,
WINNIPEG, Manitoba.

Personnal Manager,
Continental Bank of Canada,
835 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Federal Business Development
Bank,
101 - 386 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Mercantile Bank of Canada,
305 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
National Bank of Canada,
3 - 185 Carlton,
WINNIPEG, Manitoba.

Personnel Manager,
Royal Bank,
220 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Toronto-Dominion Bank,
Portage & Notre Dame,
WINNIPEG, Manitoba.

Personnel Manager,
Canada Safeway Ltd.,
313 Pacific,
WINNIPEG, Manitoba.

Personnel Manager,
Dominion Stores Limited,
287 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
I G A Supply Depot,
1800 Inkster,
WINNIPEG, Manitoba.

Personnel Manager,
Mac's Convenience Stores Ltd.,
104 Browning,
Assiniboia,
WINNIPEG, Manitoba.

Personnel Manager,
7 - Eleven Canada Ltd.,
1678 St. James Street,
ST. JAMES, Manitoba.

Personnel Manager,
Tom Boy Stores,
101 Weston,
WINNIPEG, Manitoba.

Personnel Manager,
A.E. Ames & Co. Ltd.,
4th Flr, 280 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Bache Halsey Stuart Canada Ltd.,
209 Notre Dame Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Bell Gouinlock & Co. Ltd.,
201 - 209 Notre Dame Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Burns Fry Limited,
400 - 305 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Dominion Securities Ltd.,
9th Flr 275 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Dreman & Co. Ltd.,
103 Grain Exchange Bldg.,
167 Lombard,
WINNIPEG, Manitoba.

Personnel Manager,
F H Deacon Hodgson Inc.,
1210 - 363 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Greenshields Incorporated,
1112 - 363 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
McLeod Young Weir Limited,
101 - 215 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Merrill Lynch Royal Securities,
1300 One Lombard Place,
WINNIPEG, Manitoba.

Personnel Manager,
Nesbitt Thomson Bonfard Inc.,
706 - 330 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Pitfield Mackay Ross Ltd.,
807 - 213 Notre Dame Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Richardson Securities of Canada,
The Concourse - Lombard Place,
WINNIPEG, Manitoba.

Personnel Manager,
Walwyn Stodgell Cochran Murray,
4th Flr - 200 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Wood Gundy Limited,
3rd Flr, 280 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Richardson Securities of Canada,
123 - 10th Street,
BRANDON, Manitoba.

Personnel Manager,
Canada Trust,
Portage at Fort,
WINNIPEG, Manitoba.

Personnel Manager,
Commerce Capital Trust Company,
Main Flr - 349 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Co-operative Trust,
1111 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Credit Foncier Trust Company,
286 Smith Street,
WINNIPEG, Manitoba.

Personnel Manager,
Crown Trust Company,
211 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Eaton-Bay Trust Company,
320 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Fidelity Trust,
201 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
First City Trust Company,
369 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Fort Garry Trust,
283 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Guaranty Trust,
430 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Inland Trust & Savings Corp.
1080 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
CBC Radio Canada,
541 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
CKSB Radio Station,
607 Langevin,
ST. BONIFACE, Manitoba.

Personnel Manager,
CFAM-CHSM Broadcasting Station,
ALTONA, Manitoba.

Personnel Manager,
CFRW Broadcasting Station,
432 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
CHIQ-FM Broadcasting Station,
432 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
CFRY Broadcasting Station,
1500 Saskatchewan West,
PORTAGE LA PRAIRIE, Manitoba.

Personnel Manager,
CHMM-FM Broadcasting Station,
930 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
CHSM Radio Station,
250 Main Street,
STEINBACH, Manitoba.

Personnel Manager,
CITI-FM Radio Station,
Polo Park,
WINNIPEG, Manitoba.

Personnel Manager,
CJOB Broadcasting Station,
930 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
CKJS Radio Station Winnipeg,
12th Flr, 191 Lombard Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
CKRC Broadcasting Station,
2nd Flr Free Press Bldg.,
WINNIPEG, Manitoba.

Personnel Manager,
CKSB Radio Canada,
607 Langevin,
ST. BONIFACE, Manitoba.

Personnel Manager,
CKWG FM Stereo 103,
2nd Flr Free Press Bldg,
WINNIPEG, Manitoba.

Personnel Manager,
CKY - AM Radio Station,
Polo Park,
WINNIPEG, Manitoba.

Personnel Manager,
Moffat Communications Ltd.,
415 - 1661 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
CJCM - FM Radio Station,
2940 Victoria,
BRANDON, Manitoba.

Personnel Manager,
CKX 1150 Radio,
2940 Victoria,
BRANDON, Manitoba.

Personnel Manager,
CBC Radio Canada,
541 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
CKND - TV Channel 9 Cable 12,
603 St. Marys Rd.,
ST. VITAL, Manitoba.

Personnel Manager,
CKY TV,
Polo Park,
WINNIPEG, Manitoba.

Personnel Manager,
CKX-TV,
2940 Victoria,
BRANDON, Manitoba.

Personnel Manager,
Greater Winnipeg Cablevision Ltd
930 Nairn,
WINNIPEG, Manitoba.

Personnel Manager,
Selective Electronics &
Telecommunications Ltd.,
2486 Ferrier,
WINNIPEG, Manitoba.

Personnel Manager,
Teleplex Services Corp. Ltd.,
1308 Chevrier,
FORT GARRY, Manitoba.

Personnel Manager,
Winnipeg Videon Incorporated,
651 Stafford,
WINNIPEG, Manitoba.

Personnel Manager,
Westman Media Co-operative Ltd.
909 - 24th Street,
BRANDON, Manitoba.

Personnel Manager,
A.E. Ames & Co. Ltd.,
4th Flr, 280 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Bache Halsey Stuart Canada Ltd.,
209 Notre Dame Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Bell Gouinlock & Co. Ltd.,
201 - 209 Notre Dame Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Burns Fry Limited,
400 - 305 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Dominion Securities Ltd.,
9th Flr 275 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Dreman & Co. Ltd.,
103 Grain Exchange Bldg.,
167 Lombard,
WINNIPEG, Manitoba.

Personnel Manager,
F H Deacon Hodgson Inc.,
1210 - 363 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Greenshields Incorporated,
1112 - 363 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
McLeod Young Weir Limited,
101 - 215 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Merrill Lynch Royal Securities,
1300 One Lombard Place,
WINNIPEG, Manitoba.

Personnel Manager,
Nesbitt Thomson Bonfard Inc.,
706 - 330 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Pitfield Mackay Ross Ltd.,
807 - 213 Notre Dame Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Richardson Securities of Canada,
The Concourse - Lombard Place,
WINNIPEG, Manitoba.

Personnel Manager,
Walwyn Stodgell Cochran Murray,
4th Flr - 200 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Wood Gundy Limited,
3rd Flr, 280 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Richardson Securities of Canada,
123 - 10th Street,
BRANDON, Manitoba.

Personnel Manager,
Canada Trust,
Portage at Fort,
WINNIPEG, Manitoba.

Personnel Manager,
Commerce Capital Trust Company,
Main Flr - 349 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Co-operative Trust,
1111 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Credit Foncier Trust Company,
286 Smith Street,
WINNIPEG, Manitoba.

Personnel Manager,
Crown Trust Company,
211 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Eaton-Bay Trust Company,
320 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Fidelity Trust,
201 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
First City Trust Company,
369 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Fort Garry Trust,
283 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Guaranty Trust,
430 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Inland Trust & Savings Corp.
1080 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Investors Group Trust Co. Ltd.,
280 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Montreal Trust,
221 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
National Trust Co. Ltd.,
250 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
North Canadian Trust Co.,
209 - 259 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
North West Trust Company,
234 Portage venue,
WINNIPEG, Manitoba.

Personnel Manager,
Canadian Permanent Trust Co.,
433 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Pioneer Trust Company,
5th Flr - 280 Smith Street,
WINNIPEG, Manitoba.

Personnel Manager,
Regent Trust Company,
877 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Royal Trust,
146 - 1120 Grant Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Canada Trust,
636 Rosser,
BRANDON, Manitoba.

Personnel Manager,
Fort Garry Trust Company,
921 Rosser,
BRANDON, Manitoba.

Personnel Manager,
North Canadian Trust,
5-217 10th Street,
BRANDON, Manitoba.

Personnel Manager,
Bank of Montreal,
Portage & Main,
WINNIPEG, Manitoba.

Personnel Manager,
Bank of Nova Scotia,
200 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Canadian Imperial Bank of Commerce,
One Lombard Place,
WINNIPEG, Manitoba.

Personnal Manager,
Continental Bank of Canada,
835 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Federal Business Development Bank,
101 - 386 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Mercantile Bank of Canada,
305 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
National Bank of Canada,
3 - 185 Carlton,
WINNIPEG, Manitoba.

Personnel Manager,
Royal Bank,
220 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Toronto-Dominion Bank,
Portage & Notre Dame,
WINNIPEG, Manitoba.

Personnel Manager,
Canada Safeway Ltd.,
313 Pacific,
WINNIPEG, Manitoba.

Personnel Manager,
Dominion Stores Limited,
287 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
I G A Supply Depot,
1800 Inkster,
WINNIPEG, Manitoba.

Personnel Manager,
Mac's Convenience Stores Ltd.,
104 Browning,
Assiniboia,
WINNIPEG, Manitoba.

Personnel Manager,
7 - Eleven Canada Ltd.,
1678 St. James Street,
ST. JAMES, Manitoba.

Personnel Manager,
Tom Boy Stores,
101 Weston,
WINNIPEG, Manitoba.

Personnel Manager,
Westfair Foods Ltd.,
101 Weston,
WINNIPEG, Manitoba.

Personnel Manager,
Assiniboine-Gordon Hotel & Motel
NE Portage & Albany,
WINNIPEG, Manitoba.

Personnel Manager,
Chalet Gordon Hotel,
611 Archibald Street,
ST. BONIFACE, Manitoba.

Personnel Manager,
Downs Motor Inn,
3740 Portage Avenue,
ASSINIBOIA, Manitoba.

Personnel Manager,
Holiday Inn Winnipeg South,
1330 Pembina Highway,
WINNIPEG, Manitoba.

Personnel Manager,
Marlborough Inn,
331 Smith Street,
WINNIPEG, Manitoba.

Personnel Manager,
Ramada Inn,
1824 Pembina Highway,
FORT GARRY, Manitoba.

Personnel Manager,
Southwood Supper Club,
1855 Pembina Highway,
FORT GARRY, Manitoba.

Personnel Manager,
Viscount Gort Flag Inn,
1670 Portage Avenue,
ST. JAMES, Manitoba.

Personnel Manager,
Airliner Motor Hotel,
1740 Ellice Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Birchwood Inn,
2520 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Charterhouse Hotel,
SE Hargrave & York,
WINNIPEG, Manitoba.

Personnel Manager,
The Fort Garry Hotel,
222 Broadway,
WINNIPEG, Manitoba.

Personnel Manager,
International Inn,
1808 Wellington Avenue,
ST. JAMES, Manitoba.

Personnel Manager,
Norlander Motor Hotel,
1792 Pembina Highway,
FORT GARRY, Manitoba.

Personnel Manager,
St. Regis Flag Inn,
285 Smith Street,
WINNIPEG, Manitoba.

Personnel Manager,
Travelodge Winnipeg East-Niakwa,
20 Alpine,
ST. VITAL, Manitoba.

Personnel Manager,
Westminster Motor Hotel,
NE Westminster & Sherbrook,
WINNIPEG, Manitoba.

Personnel Manager,
Airport Motor Hotel,
1800 Ellice Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Brandon Inn,
156 9th Street,
BRANDON, Manitoba.

Personnel Manager,
City Centre Hotel,
NW Carlton & Ellice,
WINNIPEG, Manitoba.

Personnel Manager,
Gordon Hotels (1971) Ltd.,
1011 Henderson Highway,
EAST KILDONAN, Manitoba.

Personnel Manager,
Kildonan Motor Hotel,
2100 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
Pembina Hotel & Motel,
Pembina & Parker,
WINNIPEG, Manitoba.

Personnel Manager,
Sheraton-Carlton Motor Hotel,
220 Carlton Street,
WINNIPEG, Manitoba.

Personnel Manager,
Village Inn Motor Hotel,
SE Portage & Westwood,
ASSINIBOIA, Manitoba.

Personnel Manager,
Barney's Motel,
Jct Trans Canada Hwy, 1 & 10,
BRANDON, Manitoba.

Personnel Manager,
Canadian Inn,
BRANDON, Manitoba.

Personnel Manager,
Hillcrest Motel,
1st North,
BRANDON, Manitoba.

Personnel Manager,
Motel Western,
1148 - 18th,
BRANDON, Manitoba.

Personnel Manager,
North Hill Motel,
10th & Braecrest,
BRANDON, Manitoba.

Personnel Manager,
Victoria Inn,
3550 Victoria Avenue,
BRANDON, Manitoba.

Personnel Manager,
Balmoral Motor Hotel,
SE Balmoral & Notre Dame,
WINNIPEG, Manitoba.

Personnel Manager,
Dakota Village Motor Hotel Ltd.,
1105 St. Marys,
ST. VITAL, Manitoba.

Personnel Manager,
Lincoln Motor Hotel Co. Ltd.,
1030 McPhillips,
WINNIPEG, Manitoba.

Personnel Manager,
Motel 75,
829 Pembina Hwy,
WINNIPEG, Manitoba.

Personnel Manager,
Town House Motel,
1844 Pembina Hwy,
FORT GARRY, Manitoba.

Personnel Manager,
Brandon Inn,
156-9th Street,
BRANDON, Manitoba.

Personnel Manager,
Cecil Hotel,
30 - 10th Street,
BRANDON, Manitoba.

Personnel Manager,
City Centre Hotel Motel,
15 - 10th Street,
BRANDON, Manitoba.

Personnel Manager,
Crystal Hotel,
838 Pacific,
BRANDON, Manitoba.

Personnel Manager,
Keystone Motor Inn,
1050 - 18th Street,
BRANDON, Manitoba.

Personnel Manager,
Midway Hotel,
1st St. N. & Hwy 1A,
BRANDON, Manitoba.

Personnel Manager,
Red Oak Inn,
3130 Victoria W.,
BRANDON, Manitoba.

Personnel Manager,
Rodeway Inn Motel,
300 - 18th Street North,
BRANDON, Manitoba.

Personnel Manager,
Travelodge Brandon,
345 - 18th Street North,
BEANDON, Manitoba.

Personnel Manager,
A & W Food Services of Canada,
90 - 1313 Border,
ST. JAMES, Manitoba.

Personnel Manager,
Beachcomber Polynesian Restauran
220 Carlton,
WINNIPEG, Manitoba.

Personnel Manager,
Bonanza Restaurants,
1863 Pembina Hwy,
FORT GARRY, Manitoba.

Personnel Manager,
Champs Food Systems Ltd.,
SW Sherbrook & Notre Dame,
WINNIPEG, Manitoba.

Personnel Manager,
Chicken Delight of Canada Ltd.,
395B Berry Street,
ST. JAMES, Manitoba.

Personnel Manager,
Cock 'N Bull Restaurant,
1870 Pembina Hwy.
FORT GARRY, Manitoba.

Personnel Manager,
Country Kitchen,
10 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
Crock & Block Restaurant,
1 - 444 St. Marys,
WINNIPEG, Manitoba.

Personnel Manager,
Gondola Pizza Restaurant,
1292 Pembina Hwy.,
FORT GARRY, Manitoba.

Personnel Manager,
King's Plate Cabaret,
272 Portage Avenue,
ST. JAMES, Manitoba.

Personnel Manager,
Mr. Submarine,
383 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Old Spaghetti Factory,
291 Bannatyne,
WINNIPEG, Manitoba.

Personnel Manager,
R J's House of Pizza,
1416 Henderson Hwy,
WINNIPEG, Manitoba.

Personnel Manager,
Smitty's Pancake House,
8 - 2305 McPhillips,
WINNIPEG, Manitoba.

Personnel Manager,
Country Kitchen,
201 - 18th Street North,
BRANDON, Manitoba.

Personnel Manager,
Keg & Cleaver Restaurant,
1836 Brandon Avenue,
BRANDON, Manitoba.

Personnel Manager,
Role 'N Pin Family Restaurant,
1944 Queens,
BRANDON, Manitoba.

Personnel Manager,
Happy Vineyard,
715 Ellice Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Lock Stock & Barrel Ltd.,
171 McDermot,
WINNIPEG, Manitoba.

Personnel Manager,
MotherTucker's Food Experience,
333 Donald Street,
WINNIPEG, Manitoba.

Personnel Manager,
Pizza Place Family Restaurants,
141 Donald Street,
WINNIPEG, Manitoba.

Personnel Manager,
Rae & Jerry's Steak House,
1405 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Town 'N Country Cabaret &
Steak House,
317 Kennedy Street,
WINNIPEG, Manitoba.

Personnel Manager,
Double Bar S Family Restaurant,
1320 - 18th Street,
BRANDON, Manitoba.

Personnel Manager,
Kohonos Restaurant & Lounge,
1011 Rosser,
BRANDON, Manitoba.

Personnel Manager,
Soo's Chop Suey House,
220 - 10th Street,
BRANDON, Manitoba.

Personnel Manager,
Ichi Ban Japanese Steak House,
189 Carlton Street,
WINNIPEG, Manitoba.

Personnel Manager,
McDonald's Restaurant of Canada
1214A Grant Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Niakwa Pizza,
1274 Archibald,
ST. BONIFACE, Manitoba.

Personnel Manager,
Ponderosa Steak House,
1140 Pembina Hwy.,
FORT GARRY, Manitoba.

Personnel Manager,
Salisbury House of Canada Ltd.,
1475 King Edward Street,
ST. JAMES, Manitoba.

Personnel Manager,
Beef & Barrel Restaurant,
1st Street North,
BRANDON, Manitoba.

Personnel Manager,
Kam Lung Chinese Restaurant,
2330 Victoria,
BRANDON, Manitoba.

Personnel Manager,
Rodos Restaurant,
935 Rosser,
BRANDON, Manitoba.

Personnel Manager,
The Bay,
Portage & Memorial,
WINNIPEG, Manitoba.

Personnel Manager,
Eaton's,
Portage & Donald,
WINNIPEG, Manitoba.

Personnel Manager,
K Mart Canada Limited,
Crestview Shopping Centre,
ASSINIBOIA, Manitoba.

Personnel Manager,
S. S. Kresge Co. Ltd.,
Polo Park Shopping Centre,
WINNIPEG, Manitoba.

Personnel Manager,
Simpsons Sears Ltd.,
1515 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Stylerite Dept. Stores Ltd.,
250 McPhillips,
WINNIPEG, Manitoba.

Personnel Manager,
Woolco Department Stores,
1580 Regent West,
TRANSCONA, Manitoba.

Personnel Manager,
Zeller's Department Stores,
969 Henderson Hwy.,
WINNIPEG, Manitoba.

Personnel Manager,
Aikins MacAulay & Thorvaldson,
3rd Flr - 333 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Arpin & Company,
1100 - 444 St. Mary,
WINNIPEG, Manitoba.

Personnel Manager,
Buchwald Asper Henteleff,
1900 - 1 Lakeview Square,
WINNIPEG, Manitoba.

Personnel Manager,
The Chapman Company,
1864 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Fillmore & Riley,
1400 - One Lombard Place,
WINNIPEG, Manitoba.

Personnel Manager,
Gallagher & Company,
10 Donald Street,
WINNIPEG, Manitoba.

Personnel Manager,
Gindin Soronow & Co.,
2nd Frl - 297 Smith Street,
WINNIPEG, Manitoba.

Personnel Manager,
Gunn Hoffer Bellhouse Huck,
Loiacono,
900 - 259 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Kopstein & Company,
1009 - 211 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Legal Aid Manitoba.
325 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
MacDonald & MacMillan,
1445 - 444 St. Mary,
WINNIPEG, Manitoba.

Personnel Manager,
Martens Kripiakevich Dennehy
Parfeniuk & Ernst,
703 - 294 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Monk Goodwin & Company,
500 - 232 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Newman, MacLean, Barristers,
436 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
Norton Schwartz McJannet
Weinberg,
5th Flr - 175 Carlton,
WINNIPEG, Manitoba.

Personnel Manager,
Parker Sarbit Lorenc,
1700 - One Lombard Place,
WINNIPEG, Manitoba.

Personnel Manager,
Pitbladd & Hoskin,
1900 - One Lombard Place,
WINNIPEC, Manitoba.

Personnel Manager,
Robert L. Pollack, Barrister,
204-215 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Pollock & Company,
1610 - 155 Carlton,
WINNIPEG, Manitoba.

Personnel Manager,
Rosenbaum Murray & Company,
201 - 2211 McPhillips,
WINNIPEG, Manitoba.

Personnel Manager,
Teffaine Monnin Hogue & Teillet,
201 - 185 Provencher,
ST. BONIFACE, Manitoba.

Personnel Manager,
Walsh Micay and Company,
7th Flr 211 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Manitoba Attorney General Dept
Legislative Building,
Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Legal Aid,
136 - 11th Street,
BRANDON, Manitoba.

Personnel Manager,
Assiniboine Clinic,
633 Lodge Street,
ST. JAMES, Manitoba.

Personnel Manager,
Clinique St. Boniface,
343 Tache,
ST. BONIFACE, Manitoba.

Personnel Manager,
Mall Medical Group,
280 Memorial Blvd.,
WINNIPEG, Manitoba.

Personnel Manager,
McGregor Medical entre,
561 Machray,
WINNIPEG, Manitoba.

Personnel Manager,
Scarth Simonsen Dooley Olson
& Wiens,
903 - 386 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Tupper & Adams,
4th Flr - 200 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Wilson Yerex Young Selinger
& Webster,
200 - 296 Garry,
WINNIPEG, Manitoba.

Personnel Manager,
City of Winnipeg Law Dept.,
510 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
Sheldon, Singleton, Midwinter,
421 - 9th Street,
BRANDON, Manitoba.

Personnel Manager,
Central Medical Laboratories,
212 Boyd Building,
388 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Garfield Kaprowy & Assoc Drs.
394 Graham,
WINNIPEG, Manitoba.

Personnel Manager,
Manitoba Clinic,
790 Sherbrook,
WINNIPEG, Manitoba.

Personnel Manager,
McPhillips Medical Group,
1027 McPhillips,
WINNIPEG, Manitoba.

Personnel Manager,
Taylor Brazzell McCaffrey,
4th Flr, 386 Broadway,
WINNIPEG, Manitoba.

Personnel Manager,
Walker Cristall & Pandya,
Mezz Flr, 283 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Wolch Pinx Scurfield Martin
& Wyant,
804 - 363 Broadway,
WINNIPEG, Manitoba.

Personnel Manager,
Hirschfield, Hunt, Fjeldsted
& Miller,
148 - 8th Street,
BRANDON, Manitoba.

Personnel Manager,
Abbott Clinic,
274 Osborne North,
WINNIPEG, Manitoba.

Personnel Manager,
Charleswood Medical Clinic,
3360 Roblin Blvd.,
CHARLESWOOD, Manitoba.

Personnel Manager,
Laboratories-Central Medical,
212 Boyd Building,
388 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Manitoba X-Ray Clinic
Radiologists,
317 Medical Arts Bldg.
WINNIPEG, Manitoba.

Personnel Manager,
Peikoff Clinic,
400 - 309 Hargrave Street,
WINNIPEG, Manitoba.

Personnel Manager,
Pembina Medical Centre,
1088 Pembina,
FORT GARRY, Manitoba.

Personnel Manager,
Radiology Consultants of Wpg.,
202 Medical Arts Bldg.,
233 Kennedy Street,
WINNIPEG, Manitoba.

Personnel Manager,
Seven Oaks Medical and
Dental Centre,
1750 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
Silver Heights Medical Group,
2333 Portage Avenue,
ST. JAMES, Manitoba.

Personnel Manager,
Southwood Medical Centre,
2385 Pembina Hwy.,
FORT GARRY, Manitoba.

Personnel Manager,
Transcona Medical Group,
1 - 701 Regent West,
TRANSCONA, Manitoba.

Personnel Manager,
Winnipeg Clinic,
425 St. Mary,
WINNIPEG, Manitoba.

Personnel Manager,
Manitoba Provincial Dept. of
Health,
Legislative Bldg., Broadway,
WINNIPEG, Manitoba.

Personnel Manager,
Manitoba Health Services Comm.
599 Empress,
WINNIPEG, Manitoba.

Personnel Manager,
Inner City Health Dept.,
510 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
Brandon Clinic,
620 Dennis,
BRANDON, Manitoba.

Personnel Manager,
Western Medical Clinic,
144 - 6th Street,
BRANDON, Manitoba.

Personnel Manager,
Gulf Canada Limited,
882 St. James Street,
ST. JAMES, Manitoba.

Personnel Manager,
Husky Oil Marketing Ltd.,
110 Panet Rd.,
WINNIPEG, Manitoba.

Personnel Manager,
Mohawk Oil Co. Ltd.,
275 Holden,
ST. BONIFACE, Manitoba.

Personnel Manager,
Shell Canada Limited,
500 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Texaco Canada Inc.,
986 Powell,
ST. JAMES, Manitoba.

Personnel Manager,
Imperial Oil Limited,
2925 Henderson Hwy,
E. ST. PAUL, Manitoba.

Personnel Manager,
Pacific Petroleums,
2545 Inkster,
WINNIPEG, Manitoba.

Personnel Manager,
Aronovitch & Leipsic Ltd.,
8th Flr. 167 Lombard Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Canada Life Assurance Co.,
10th Flr, 305 Broadway,
WINNIPEG, Manitoba.

Personnel Manager,
The Citadel Assurance,
12th Flr, 363 Broadway,
WINNIPEG, Manitoba.

Personnel Manager,
The Co-operators,
155D Polo Park Shopping Centre,
Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Crown Life Insurance Company,
55 Donald Street,
WINNIPEG, Manitoba.

Personnel Manager,
Cuna Mutual Insurance Society,
7th Flr, 215 Garry Street,
WINNIPEG, Manitoba.

Personnel Manager,
Eaton-Bay Life Assurance Co.,
320 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Fidelity Life Assurance Co.,
710 - 294 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Great-West Life Assurance Co.,
60 Osborne N.,
WINNIPEG, Manitoba.

Personnel Manager,
Investors Syndicate Limited,
101-310 Broadway,
WINNIPEG, Manitoba.

Personnel Manager,
London Life Insurance Co.,
202 - 2211 McPhillips,
WINNIPEG, Manitoba.

Personnel Manager,
Maritime Life Assurance Co.,
1401 West 8th Avenue
VANCOUVER, B. C.

Personnel Manager,
Metropolitan Life Ins. Co.,
17th Flr, 155 Carlton,
WINNIPEG, Manitoba.

Personnel Manager,
Monarch Life Assurance Co.,
333 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Mutual of Omaha Ins. Co.,
M15-1 Lakeview Square,
WINNIPEG, Manitoba.

Personnel Manager,
Occidental Life Ins. Co. of
California,
704 - 491 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Sun Life Assurance Co. Canada,
1716 - One Lombard Pl.,
WINNIPEG, Manitoba.

Personnel Manager,
Wawanesa Mutual Life Ins. Co.,
191 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Canadian Indemnity Co.,
1661 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Federated Insurance Companies,
717 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Manitoba Public Ins. Corp.,
6th Flr., 330 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Manufacturers Life Ins. Co.,
8th Flr - 386 Broadway,
WINNIPEG, Manitoba.

Personnel Manager,
Oldfield Kirby & Gardner Ins.,
200 - 55 Donald Street,
WINNIPEG, Manitoba.

Personnel Manager,
Portage la Prairie Mutual Ins.,
749 Saskatchewan East,
PORTAGE LA PRAIRIE, Man.

Personnel Manager,
Royal Insurance Canada,
386 Broadway,
WINNIPEG, Manitoba.

Personnel Manager,
Wesplain Ins. Management Inc.,
601 - 1661 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Pioneer Life Assurance Co.,
70 Elmdale Blvd.,
BRANDON, Manitoba.

Personnel Manager,
Sun Life Assurance Co. of Can.
308-742 Rosser,
BRANDON, Manitoba.

Personnel Manager,
Co-operators Insurance Services
316-10th Street,
BRANDON, Manitoba.

Personnel Manager,
Manitoba Public Insurance Co.,
731-1st Street,
BRANDON, Manitoba.

Personnel Manager,
Wawanesa Mutual Insurance Co.,
704 - 18th Street,
BRANDON, Manitoba.

Personnel Manager,
Manitoba Hydro (Head Office)
820 Taylor Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Greater Winnipeg Gas Co.,
265 Notre Dame Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Manitoba Telephone System,
489 Empress Street,
WINNIPEG, Manitoba.

Personnel Manager,
City of Winnipeg Waterworks,
Civic Centre - 510 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
Winnipeg Hydro,
Civic Centre - Main & William,
WINNIPEG, Manitoba.

Personnel Manager,
Communications Canada,
200 - 386 Broadway,
WINNIPEG, Manitoba.

Personnel Manager,
Environment Canada,
266 Graham,
WINNIPEG, Manitoba.

Personnel Manager,
Indian Affairs & Northern
Development,
11th Flr, 275 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Labour Canada,
400 - 303 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
Public Works Canada,
2nd Flr, 269 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
Revenue Canada-Taxation,
391 York,
WINNIPEG, Manitoba.

Personnel Manager,
Supply & Services Canada,
344 Edmonton Street,
WINNIPEG, Manitoba.

Personnel Manager,
Agriculture Canada,
613-269 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
Consumer & Corporate Affairs
Canada,
260 St. Mary,
WINNIPEG, Manitoba.

Personnel Manager,
Parks Canada,
114 Garry Street,
WINNIPEG, Manitoba.

Personnel Manager,
Industry, Trade & Commerce,
507 - 386 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
National Defense Dept.,
CFB Winnipeg,
Whytewold Rd. North,
WINNIPEG, Manitoba.

Personnel Manager,
Regional Economic Expansion,
400 - 185 Carlton,
WINNIPEG, Manitoba.

Personnel Manager,
Solicitor General of Canada,
45 Edmonton Street,
WINNIPEG, Manitoba.

Personnel Manager,
Transport Canada,
125 Garry at York,
WINNIPEG, Manitoba.

Personnel Manager,
Canada Employment & Immigration
Commission,
344 Edmonton Street,
WINNIPEG, Manitoba.

Personnel Manager,
Energy Mines & Resources Canada,
10th Flr, 275 Portage Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
Health & Welfare Canada,
310 - 269 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
Justice Department,
310 Broadway Avenue,
WINNIPEG, Manitoba.

Personnel Manager,
National Film Board,
674 St. James Street,
WINNIPEG, Manitoba.

Personnel Manager,
Revenue Canada Customs & Excise,
269 Main Street,
WINNIPEG, Manitoba.

Personnel Manager,
Statistics Canada,
500 - 266 Graham,
WINNIPEG, Manitoba.

Personnel Manager,
Veterans Affairs Department,
169 Pioneer,
WINNIPEG, Manitoba.

## APPENDIX B

Initial and second letters to Provinces and Territories

**The University of Manitoba**
Faculty of Education

Department of Curriculum
*Mathematics and Natural Sciences*

Winnipeg, Manitoba, Canada R3T 2N2

Dear Sir:

Our Department is conducting research in the field of technical updating for vocational teachers in the Province of Manitoba.

The full time involvement of vocational teachers in their instructional duties tends to isolate them from current developments in industry. An organized updating program would allow teachers to better prepare their students to enter into industry.

It would be most helpful to know how this problem is being treated in your province. Any resource or study materials which you could provide would be greatly appreciated.

If this letter has not been accurately directed, could you please redirect it to a person or agency who would deal with it?

Thank you for giving this matter your attention.

Cordially yours,

Gordon D. Breckman, CD, B.Ped.
Graduate Research Assistant

for

Dr. Orest Cap
Project Director

FOLLOW-UP

THE UNIVERSITY OF MANITOBA

FACULTY OF EDUCATION
Department of Curriculum:
Mathematics and Natural Sciences

Winnipeg, Manitoba
Canada R3T 2N2

Dear sir,

The Department of Vocational Education of the University of Manitoba is conducting research in the field of technical updating for Manitoba vocational teachers.

In mid February, we wrote asking for information on how updating activities were provided in each province and territory. The response was excellent, and the information provided was most helpful.

We have not yet received a reply from you, unless it is now in the mail.

The Manitoba Department of Education is currently reviewing its philosophy of vocational education, and the final report of this project will be receiving serious consideration on this topic. If the report is to be of value it must be both complete and prompt.

The review of current practices in the report is incomplete because we have been unable to acquire information about your province on this topic from other sources. The report suffers from this important omission.

If you could possibly send a reply within five working days it would still be possible to include the data in our report.

If this letter has not been accurately directed, could you please redirect it to a person or agency that would deal with it promptly?

Cordially yours,

## APPENDIX C

Initial and follow-up quesionnaire letters to Business and Industries

THE UNIVERSITY OF MANITOBA

FACULTY OF EDUCATION
Department of Curriculum:
Mathematics and Natural Sciences

Winnipeg, Manitoba
Canada R3T 2N2

June 10, 1981

Dear Sir:

Due to the rapid technological advances occurring in business and industry, business and vocational industrial teachers must update their skills and knowledge to familiarize students with the latest innovations in the world of work.

This is a survey being conducted to identify Manitoba businesses and industries interested in participating in professional/technical updating of business/vocational industrial teachers.

In order to identify the extent of your company's interest in this endeavor, your assistance is requested in completing the following questionnaire.

Please take a few minutes of your time to fill out all necessary information and return at your earliest convenience. (Fold and return this self-addressed form according to directions on the back of the form.)

Thanking you in advance for your cooperation.

Respectfully yours,

Dr. O. Cap
Project Director
Faculty of Education
University of Manitoba
WINNIPEG, Manitoba
R3T 2N2

THE UNIVERSITY OF MANITOBA

FACULTY OF EDUCATION
Department of Curriculum:
Mathematics and Natural Sciences

Winnipeg, Manitoba
Canada R3T 2N2

Dear Sir:

Due to the rapid technological advances occurring in business and industry, business and vocational industrial teachers must update their skills and knowledge to familiarize students with the latest innovations in the world of work.

We sent you a letter and a questionnaire on June 10, 1981, which probably reached you just before the Post Office's labour difficulties.

The initial responses received prior to the cessation of the mail service were very favorable and the survey is still being actively conducted.

In order to identify the extent of your company's interest in this endeavour, your assistance is requested in completing the enclosed questionnaire. Please take a few minutes of your time to fill in all the necessary information and return the questionnaire at your earliest convenience.

Thanking you in advance for your cooperation.

Respectfully yours,

Dr. O. Cap
Project Director
Faculty of Education

OC/mb

# A SURVEY OF MANITOBA BUSINESSES AND INDUSTRIES INTERESTED IN PARTICIPATING IN PROFESSIONAL/TECHNICAL UPDATING OF BUSINESS/VOCATIONAL INDUSTRIAL TEACHERS

**Directions:**
Please check the appropriate response which best expresses your reaction to each of these questions and provide additional write-in information as required.

Teacher involvement could take several forms, such as observation, participation, or development of an educational product or material that can be used by the teacher in the classroom/shop.

Contact Person _____

Position _____

Name of Business/Industry _____

Address _____

Postal Code _____ Telephone _____

Type of Business/Industry _____

List areas accessible, type of activity, and duration of time, which would benefit teacher updating.

**Example:** Graphic Arts Business

| Areas | Type of Activity | Duration |
|---|---|---|
| 1. Design & Layout | observation only | ½ - 1 day |
| 2. Photography | actual work | 1 week |
| 3. Phototypesetting | observe and work | 2 weeks |
| 4. Equipment Maintenance | actual work | 3 weeks |
| 5. Graphic Arts Management | observation | 2 weeks |
| 6. Company Training Program | participate | to be arranged |
| 7. Workshop | participate | to be arranged |

| Areas | Type of Activity | Duration |
|---|---|---|
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| 8. | | |
| 9. | | |

## APPENDIX D

Sample brochure on updating activities

BE21 GOSA ASSISTANCE

# Formule de demande

À COMPLÉTER EN LETTRES MOULÉES

Je désire faire un stage durant l'année 19 . . . . .

a) L'Annuaire des stages ☐

Veuillez m'expédier par le retour du courrier:

b) Le formulaire d'inscription ☐

NOM _____

RUE _____

VILLE _____ CODE POSTAL _____

Nom de votre commission scolaire régionale: _____

Détachez au bord de la ligne

□ *Université du Québec (suite)*

(Trois-Rivières)
C.P. 500
Trois-Rivières
G9A 5H7
Bureau du registraire: (819) 376-5454
M. Yves Ricard

*Bureau de Québec*
M. Guy Turgeon (418) 657-2643

*Centre d'études universitaires dans l'ouest québécois*
335, boul. Cité des Jeunes
Hull
J8Y 6M4
Bureau du registraire: (819) 770-3360

*Bureau de Hull*
M. André Scheire (819) 770-3360

*Bureau de Rouyn*
M. Yves Asselin (819) 762-0971

■ *Université de Sherbrooke*
Boulevard de l'Université
Sherbrooke
J1K 2R1
Bureau du registraire (819) 565-5560
M. Jean Denoncourt (819) 565-5497

■ *Université McGill*
3700, rue McTavish
Montréal
H3C 3G1
Bureau du registraire: (514) 392-8059
M. Jack Young (514) 392-8824

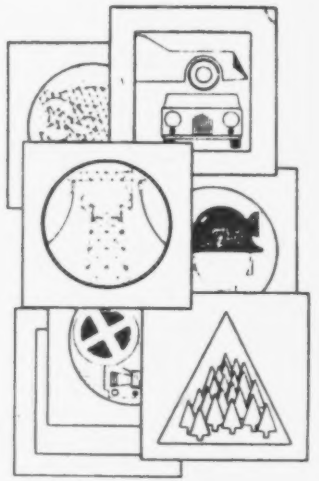
■ *Université de Montréal*
C.P. 6128
Montréal H3C 3J7
Bureau du registraire: (514) 343-6030



■ *Université Laval*
Cité universitaire
Québec
G1K 7P4
Bureau du registraire: (418) 656-2646

Gouvernement du Québec
Ministère de l'Éducation
Direction générale de l'Enseignement supérieur
37-2539

# STAGES pour enseignants du secteur professionnel



*Ce dépliant a pour but d'informer les organismes et les personnes concernés par la formation et le perfectionnement des maîtres du secteur professionnel du rôle que le Bureau des stages du ministère de l'Éducation est appelé à jouer dans ce programme.*

Gouvernement du Québec
Ministère de l'Éducation
Direction générale de l'enseignement supérieur



BEST COPY AVAILABLE

# APPENDIX E

Listings of Manitoba Business and Industrial Firms
Willing to Participate in Updating

Contact Person Mr. Don Svendsen

Position District Manager

Name of Business/Industry A.M. Bruning

Address 720 Broadway Avenue, Winnipeg, Manitoba.

Postal Code R3C 2Z2 Telephone (204) 786-3491

Type of Business/Industry Drafting Resources and Sales

Contact Person Mr. Olivier Janeau

Position Director of Institute Services

Name of Business/Industry Eutectic & Castolin Institute

Address 1694 St. James Street, Winnipeg, Manitoba.

Postal Code R3H 0L3 Telephone (204) 633-6113

Type of Business/Industry Welding Technology and Training

Contact Person Mr. G. Ashley Richards

Position Branch Manager

Name of Business/Industry A.M. Multigraphics

Address 720 Broadway, P.O. Box 1378, Winnipeg, Manitoba

Postal Code R3C 2Z2 Telephone (204) 786-3491

Type of Business/Industry Graphic Arts

Contact Person Mr. L. W. Trotter

Position Management Services Officer

Name of Business/Industry Federal Business Development Bank

Address 386 Broadway Avenue, Winnipeg, Manitoba.

Postal Code R3C 3R6 Telephone 944-9991

Type of Business/Industry Banking and Training Seminars

Contact Person Ms. B. Magel

Position Employee Relations Assistant

Name of Business/Industry Shell Canada Ltd.

Address P.O. Box 130, St. Boniface, P.O.

Postal Code R2H 3B4 Telephone 233-1401 Ext. 210

Type of Business/Industry Oil Refining

Contact Person Mr. Ian MacKenzie

Position President and Publisher

Name of Business/Industry Vopni Press Ltd.

Address 201 Saskatchewan Avenue (East Portage La Prairie) Manitoba

Postal Code R1N 3B4 Telephone 857-3427

Type of Business/Industry Printing and Publishing Newspapers

Contact Person Mr. Ronald Hore

Position Manager

Name of Business/Industry North West Trust Company

Address 234 Portage Avenue, Winnipeg, Manitoba.

Postal Code R3 0B1 Telephone 947-0631

Type of Business/Industry Trust Co. - Computerization of Finance

Contact Person Mr. Ron Lauder

Position Manager

Name of Business/Industry Restaurant -Country Kitchen

Address 201 18th St. N. Brandon, Manitoba.

Postal Code R7A 2V8 Telephone 728-0115

Type of Business/Industry Restaurant

Contact Person Ms. Dianne Dumans

Position Personnel Administrator

Name of Business/Industry Great-West Life Assurance Company

Address 60 Osborne Street North, Winnipeg, Manitoba.

Postal Code R3C 3A5 Telephone 946-9150

Type of Business/Industry Insurance

Contact Person Mr. Jonas Sammons

Position Vice-President

Name of Business/Industry Fournier Stands Mfg. of Canada Ltd.

Address 1309 Mountain Avenue, Winnipeg, Manitoba.

Postal Code R2X 2Y1 Telephone (204) 633-6180

Type of Business/Industry Electronic Furniture Manufacturer

Contact Person Mr. D.L. Blake

Position Vice-President Finance

Name of Business/Industry Great Western Graphics Corp.

Address 1328 Clifton Street, Winnipeg, Manitoba.

Postal Code R3E 2V2 Telephone 786-6881

Type of Business/Industry Graphic Arts

Contact Person Mr. Richard Knechtel

Position Plant Manager

Name of Business/Industry Prendville Wood Preservers

Address Box 279, Neepawa, Manitoba

Postal Code ROJ 1HO Telephone 476-3338

Type of Business/Industry Wood Preservation

Contact Person Mr. Mervin Farmer

Position Publisher

Name of Business/Industry Interlake Publishing Ltd.

Address Box 190, Stonewall, Manitoba.

Postal Code ROC 2Z0 Telephone 467-2421

Type of Business/Industry Publishing Newspapers

Contact Person Mr. N. Carmichael

Position Plant Superintendent

Name of Business/Industry Public Press

Address 1760 Ellice Avenue, Winnipeg, Manitoba.

Postal Code R3H 0B6 Telephone 774-1861

Type of Business/Industry Graphic Arts

Contact Person Mr. George Grigartis

Position General Manager

Name of Business/Industry Lawson Computer Graphics/Typesetting

Address 708 Moray Street, Winnipeg, Manitoba.

Postal Code R3J 3S9 Telephone 889-9162

Type of Business/Industry Typesetting

Contact Person Mr. H.A. Newfield

Position

Name of Business/Industry Northern Paint Can. Inc.

Address P.O. Box 219, Winnipeg, Manitoba

Postal Code R3M 3S8 Telephone 475-9400

Type of Business/Industry Paint Manufacturing

Contact Person Ms. Ann G. McLeod

Position Personnel Manager

Name of Business/Industry Moore Business Forms

Address 711 Erin Street, Winnipeg, Manitoba.

Postal Code R3G 2W3 Telephone 783-7271

Type of Business/Industry Printing

Contact Person Mr. Sid Bursten

Position President

Name of Business/Industry Words On Paper Ltd.

Address 501 - 339 Portage Avenue, Winnipeg, Manitoba.

Postal Code R3B 2C3 Telephone 949-0400

Type of Business/Industry Publishers

Contact Person Mr. Fred Cutuk

Position President

Name of Business/Industry Unicity Cabinet Factory Ltd.

Address 4040 Main Street, Winnipeg, Manitoba

Postal Code R3C 2E4 Telephone 338-3537

Type of Business/Industry Manufacturing Kitchen Cabinets

Contact Person Mr. C. Dederick

Position Training Instructor

Name of Business/Industry Canada Safeway

Address P.O. Box 250, Winnipeg, Manitoba

Postal Code R3A 0M2 Telephone 943-7371

Type of Business/Industry Retail and Grocery

Contact Person Mr. C. D. Cutler

Position Plant Manager

Name of Business/Industry Varta Batteries Ltd.

Address 1711 Wellington Avenue, Winnipeg, Manitoba.

Postal Code R3H 0E7 Telephone 774-4571

Type of Business/Industry Battery Manufacture

Contact Person Mr. John Watson

Position Training Officer

Name of Business/Industry Hudson Bay Mining & Smelting Co. Ltd.,

Address P.O. Box 1500, Flin Flon, Manitoba.

Postal Code R8A 1N9 Telephone (204) 687-7434

Type of Business/Industry Mining and Metallurgy

Contact Person Mr. John Robert Lavery

Position President

Name of Business/Industry Winpak Ltd.

Address 100 Saulteaux Crescent, Winnipeg, Manitoba.

Postal Code Telephone (204) 889-1015

Type of Business/Industry Extrusion/Conversion Plastic Films

Contact Person Mr. C. W. Coburn

Position Manager

Name of Business/Industry Atom-Jet Industries Ltd.

Address P.O. Box 361, 2110 Park Avenue, Brandon, Manitoba.

Postal Code R7A 5Z2 Telephone 728-8590

Type of Business/Industry Machine Shop

Contact Person Mr. C. R. McBain

Position President & Gen. Manager.

Name of Business/Industry Ancast Industries Ltd.,

Address 1350 Saskatchewan Avenue, Winnipeg, Manitoba.

Postal Code R3E OL2 Telephone (204) 786-7911

Type of Business/Industry

Contact Person Mr. G. E. Tardi

Position Manager

Name of Business/Industry MacMillan Bloedel Packaging

Address 1360 Inkster Blvd. P.O. Box 279

Postal Code R3C 3J4 Telephone 633-1050

Type of Business/Industry Manufacture Corrugated Paper Boxes

Contact Person Ms. Carol Lacoste

Position Assistant Personnel Officer

Name of Business/Industry Southland Canada Inc. - 7-Eleven Food Stores

Address 1678 St. James Street, Winnipeg, Manitoba.

Postal Code R3H OL3 Telephone 1 (204) 632-0230

Type of Business/Industry Retail Convenience Stores

Contact Person Mr. A. J. Daley

Position General Manager

Name of Business/Industry Consolidated-Bathurst Packaging Ltd.

Address 450 Dawson Rd. North

Postal Code R2J 0S7 Telephone 233-7127

Type of Business/Industry Corrugated Containers (Packaging)

Contact Person Mr. Abe M. Globerman

Position Asst. General Manager

Name of Business/Industry GIII Ltd.

Address 274 Jarvis Avenue

Postal Code R2W 3A5 Telephone 586-8461 Ext. 23

Type of Business/Industry Upholstering-bedding-Pillows & Comforters

Contact Person Mr. George J. Jaroszko

Position Branch Sales Manager

Name of Business/Industry Insurance-Metropolitan Life

Address 155 Carlton Street, Suite 1715, Winnipeg, Manitoba.

Postal Code R3C 3H8 Telephone 943-0631

Type of Business/Industry Insurance

Contact Person Mrs. Lillian Hanson-Pitt

Position Office Manager

Name of Business/Industry Pitt Leather Goods Mfg. Ltd.,

Address 1238 Chevrier Blvd., Winnipeg, Manitoba.

Postal Code R3T 1Y3 Telephone 452-7233

Type of Business/Industry Manufacturing small, personal leather goods

Contact Person Mr. Eugene Derksen

Position President

Name of Business/Industry Derksen Printers

Address 376 Main Street, Steinbach, Manitoba.

Postal Code R0A 2A0 Telephone 1-800-442-0463

Type of Business/Industry Printing/Publishing

Contact Person Mr. E. Crowder

Position Exec. Vice-President & General Manager

Name of Business/Industry Simplot Chemical Co. Ltd.,

Address Box 940, Brandon, Manitoba.

Postal Code R7A 6A1 Telephone 728-5701

Type of Business/Industry Manufacturer of Fertilizer

Contact Person Mr. E. A. Speers

Position President

Name of Business/Industry Speers McGonigal Ltd.,

Address 345 Higgins Avenue, Winnipeg, Manitoba.

Postal Code R3A 0V4 Telephone 947-1733

Type of Business/Industry Plastics Fabrication

Contact Person Mr. Stan Rudnick

Position President

Name of Business/Industry Typoplate Ltd.

Address 531 Notre-Dame Avenue

Postal Code R3B 1S2 Telephone 775-8181

Type of Business/Industry Graphic Arts

Contact Person Mr. Craig Kushnier

Position Manager

Name of Business/Industry Brittany Inn Motor Hotel

Address 367 Ellice Avenue,Winnipeg, Manitoba.

Postal Code R3B 1L1 Telephone 956-0100 (204)

Type of Business/Industry Hotel

Contact Person Mr. Eric Storey

Position General Manager

Name of Business/Industry Plant National (Wpg.) Ltd.

Address 328 Dawson Rd. N. Winnipeg, Manitoba.

Postal Code R2J OX7 Telephone 233=3333

Type of Business/Industry Steel Drum Reconditioning and New Product Distribution.

Contact Person Ms. Sandra Skwarek

Position Office Supervisor

Name of Business/Industry Crown Life Insurance Co.

Address 55 Donald Street, Winnipeg, Manitoba.

Postal Code R3C 1L8 Telephone 244-7252

Type of Business/Industry Life Insurance

Contact Person Mr. A. James

Position Production Manager

Name of Business/Industry Canadian Tool and Die Ltd.

Address 1331 Chevrier Blvd.

Postal Code R3T 1Y4 Telephone 453-6833

Type of Business/Industry Manufacturing

Contact Person Mr. W. Hamilton

Position President & General Manager

Name of Business/Industry Hamilton and Allen Co. Ltd.

Address P.O. Box 794 Brandon, Manitoba.

Postal Code R7A 5Z8 Telephone 728-4478

Type of Business/Industry Trailer Manufacturing and Structural Steel

Contact Person Mr. Morris Shyiak

Position Personnel Manager

Name of Business/Industry Campbell Soup Co. Ltd.

Address Box 1400, Portage La Prairie, Manitoba

Postal Code R1N 3C2 Telephone 857-6811

Type of Business/Industry Food (canned Soups)

Contact Person Mr. Lou Vermette

Position Manager-Prop.

Name of Business/Industry The Midway Motel

Address 1st Street North, Hwy 1A

Postal Code R7A 5Z4 Telephone (204) 725-1560

Type of Business/Industry Motel Restaurant

Contact Person Mr. R. J. Watson

Position

Name of Business/Industry Dominion Bronze Ltd.

Address 1111 Chevrier Blvd., Winnipeg, Manitoba.

Postal Code R3T 1Y2 Telephone (204) 452-8007

Type of Business/Industry Manufacturing

Contact Person Mr. Eric Nernberg/Mr. Grant Nelin

Position Manager, Human Resources/Manager, Personnel

Name of Business/Industry Burroughs Business Machines Ltd.

Address 51 Burmac Road, P.O. Box 861, Winnipeg, Manitoba.

Postal Code R3C 2P7 Telephone 257-9160

Type of Business/Industry Electronic Design /Manufacturing

Contact Person Dr. John Bock

Position Dir. of Juvenile Corrections

Name of Business/Industry Prov. Gov.-Dept. of Community Services & Corrections

Address Bldg. 21 - 139 Tuxedo Avenue, Winnipeg, Manitoba.

Postal Code R3N OH6 Telephone 895-5347

Type of Business/Industry Juvenile Corrections Directorate

Contact Person Mr. R.H. Vandewato

Position V.P. & Branch Manager

Name of Business/Industry Investment Industry - Wood Gundy Ltd.

Address 280 Broadway Avenue, Winnipeg, Manitoba.

Postal Code R3C OR8 Telephone 942-6141

Type of Business/Industry Securities Sales and Investment Advice

Contact Person Mt. Arno Swiridiuk

Position President

Name of Business/Industry Abesco Ltd.

Address 566 Dobbie Avenue, Winnipeg, Manitoba.

Postal Code R2K 1G4 Telephone 667-3981

Type of Business/Industry Steel Fabricating

Contact Person Mr. K. A. Osman

Position Supervisor, Employment Section

Name of Business/Industry Manitoba Hydro

Address 820 Taylor Avenue, Winnipeg, Manitoba

Postal Code R3C 2P4 Telephone 474-3327

Type of Business/Industry Electrical Utility

Contact Person Mr. William Belsham

Position Manpower and Training Supervisor

Name of Business/Industry Powell Equipment Limited

Address 1455 Buffalo Place, Winnipeg, Manitoba.

Postal Code R3T 1L8 Telephone 453-4343

Type of Business/Industry Caterpillar Dealership

Contact Person Mr. Renaldo DeMarcky

Position Branch Sales Manager

Name of Business/Industry A.B. Dick Company of Canada Ltd.

Address 6 Westview Place, 1421 St. James St. Winnipeg, Manitoba.

Postal Code R3H 0Y9 Telephone 1-800-665-7310

Type of Business/Industry Graphic Arts

Contact Person

Position

Name of Business/Industry

Address

Postal Code Telephone

Type of Business/Industry

# APPENDIX F

## Two Successful Updating Ventures

The Eutectic and Castolin Institute
1694 St. James Street
WINNIPEG, Manitoba
R3H OL3

I Eutectic and Castolin licensed and affiliated companies cover the six continents and is a leader in preventive maintenance technology. Each year tens of thousands of welders learn basic and advanced welding at Eutectic and Castolin schools. They advise industry about which welding application is suited for a specific job, how to set up a preventive maintenance programme, and how to calculate the cost efficiency of the programme. They also serve as bases for management seminars and welding training courses.

II Eutectic and Castolin agreed to offer a course at their Winnipeg branch on "Protective Maintenance and Repair Welding" to approximately sixteen (16) vocational education teachers. The University of Manitoba on the other hand agreed to provide a standard university stipend to the incoming instructor teaching a half (3 credit hour) course.

III (3 credit hour) Introduction to Protective Maintenance and Repair Welding.

81.310
Summer Session
July 5-9
1982

This course permits teachers to improve their knowledge to the constantly changing field of welding maintenance technology (i.e. micro-pulverized powder processes) for the benefit of their students, adolescents and adults. This course will consist of 50% theory with the use of films, slides and technical manuals and include 50% practice.
Location: Eutectic Castolin Institute, Winnipeg
Registration and lab fees
Maximum enrollment - 16

Topic I SAFETY IN THE WELDING SHOP

- Electric shock and burns
- Fire hazard
- Care of cylinders, regulators, torches and hoses
- Radiant energy
- Gases, fumes and dust
- Facts on cadmium poisoning
- Safety factors relative to work load limits
- Practice in the welding shop

Topic II EQUIPMENT

Oxy-Acetylenic Process

- Description, assembly and operation of oxy-acetylene welding equipment
- Flame adjustments and correct gas pressures
- Control of flame velocity and its influence in welding practice
- Selection of torch tips and filler rod sizes
- Procedure and techniques
- Demonstration and practice under instructor's supervision.

Manual Metal Arc Process

- Description, assembly and operation of both A.C. and D.C. electric arc welding equipment
- Current ranges, open circuit and welding voltages
- Functions of electrode coatings and the effects of defective coatings
- Storage of electrodes
- Methods of striking, breaking and restriking the arc
- The effect of current, arc length, welding speed, and angle of the electrode
- Procedure and techniques
- Demonstration and practice under instructor's supervision

Topic III STEEL AND ALLOY STEELS

- Classification and identification
- Physical properties
- Tensile-elongation-hardness-ductility
- Effects of heat-expansion-contraction
- Pre-heating-post-heating-annealing
- Welding procedures and techniques
- Choice of equipment
- Choice of welding materials
- Demonstration and practice under instructor's supervision

Topic IV STAINLESS STEEL

- Classification and identification
- 200 - 300 and 400 series
- Physical properties
- Austenitic - Martensitic - Ferritic

Topic IV continued

- Carbide precipitation
- Welding procedures and techniques
- Choice of equipment
- Choice of welding materials
- Demonstration and practice under instructor's supervision

Topic V — BRAZING AND SOLDERING TECHNIQUES

- Capillary action
- Flow properties
- Type of joint and joint strengths
- Advantages of braze welding
  * simplicity
  * versatility
  * high ductility
  * economy
- Temperature effect
- Demonstration and practice under instructor's supervision

Topic VI — CAST IRON

- Classification and identification
- Physical properties
- Uses for different types of cast iron in the industry
- Effects of heat - expansion - contraction and embrittlement.
- Preheating and cooling
- Joining cast iron to dissimilar metals
- Post welding machinability
- Metal working electrodes, grooving - cutting piercing
- Choice of equipment
- Choice of welding materials
- Demonstration and practice under instructor's supervision

Topic VII — COPPER AND COPPER BASE ALLOYS

- Identification copper - brass - bronze
- Properties of copper base alloys
- Choice of base metals
- Choice of filler alloys
- Choice of welding equipment
- Welding procedures and techniques
- Effects of heat input
- Demonstration and practice under instructor's supervision

Topic VIII — ALUMINUM - MAGNESIUM - WHITE METAL (Zinc Die Casting)

- Physical properties
- Industrial and advantages
- Choice of equipment
- Effects of heat and oxidation
- Joining aluminum to other metals
- Magnesium welding
- Zinc welding
- Demonstration and practice under instructor's supervision

Topic IX — WEAR FACING - TEROCOTE

- Type of wear
- Benefits of wearfacing (terocoating)
- Determining hardness
- Hardness in relation to end use
- Choice of materials
- Choice of equipment
- Choice of welding materials
- Welding procedures and techniques
- Demonstration and practice under instructor's supervision

Topic X — MICROPULVERIZED POWDER PROCESSES

Rototec Process (cold)

- Safety rules to observe when using this process
- Process description
- Selection of the appropriate alloy for the job
- Operating instructions
- Preparation:
  * Degreading
  * Protecting the lathe
  * Lathe speed
  * First cut
  * Machining the filets
- Deposition:
  * Flame adjustment
  * Speed
  * Distance
  * Temperature bracket
- Finishing:
  * Machining
  * Grinding
- Inspection:
  * Finishing
  * Finished dimensions
- Demonstration and practice under instructor's supervision

Topic X — Eutalloy Process (hot)

- Description and operation of the process
- Types A, B, C
- Assembling the Eutalloy torch
- Operation procedure
- Gas pressure adjustment
- Choosing the proper alloy for the job
- Deposition:
  * One step technique
  * Two steps technique
- Finishing
- Particular applications (filets, holes, corners and keyways)
- Demonstration and practice under instructor's supervision

Topic XI — GAS TUNGSTEN ARC WELDING PROCESS (TIG-GTAW)

- Introduction
- Fundamentals of the GTAW Process
- Basic equipment required:
  a) power units
  b) torches
  c) gases
  d) electrodes
  e) monitors, regulators and flow meters
- Principle and practices of GTA welding
  a) edge preparation
  b) pre-cleaning and surface preparation
  c) fixtures and assembling
  d) pre-heating
  e) alloy selection
  f) post-heating
  g) post-cleaning and finishing
- Electrode and nozzle selection
- Preparation of electrodes
- Correct choice of polarities and frequency
- Torch operation
- Problem check

Demonstration and practice under instructor's supervision

Topic XII — FLUX CORED WIRE PROCESS

- Introduction
- Description of equipment
- Advantages of flux cored wires
- Where to use flux cored wires
- Welding procedures
- Causes of welding problems
- Remedies for welding problems
- Wearfacing with flux cored wire
- Demonstration and practice under instructor's supervision

A.M. Veritype
#105 St. James Street,
WINNIPEG, Manitoba. R3G 3J7

A.B. Dick Company of Canada Ltd.,
6 Westview Place,
1421 St. James Street,
WINNIPEG, Manitoba. R3H 0Y9

Barber-Ellis Paper Company,
11 Saulteau Street,
ST. JAMES, Manitoba. R3J 3V7

Booth Supply,
1700 Inkster Blvd.,
WINNIPEG, Manitoba. R2X 2T1

I The companies are main distributors of equipment and graphic arts supplies to the printing industry and have offices located in major Canadian cities.

II They agreed to provide graphic arts supplies and the latest equipment for this effort.
The University identified a graphic arts instructor and agreed to provide a standard university stipend for teaching a half course. The course was held at the Faculty of Education, University of Manitoba.

III (3 credit) 81.311
Summer
Evening
1982
May 3-June 14

Advanced Offset Techniques

The course will focus on basic theory of offset printing, paste-up methods, phototypesetting, line photography and offset press fundamentals.

Location: University of Manitoba, Faculty of Education.

Registration (16 max.)

Topic I INTRODUCTION

- Basic theory of offset printing
- Offset compared to other printing methods

Topic II PASTE-UP METHODS

- Basic tools
- Reference marks
- Ruling
- Paste-up procedure

Topic III PHOTOTYPESETTING

- Direct entry
- Record-playback capability
- Off-line input
- Input devices
- Video displays
- The basics of photographic typesetting
- The unit system
- Processing

Topic IV LINE PHOTOGRAPHY

- The process camera
- Determining basic exposure
- Reductions and enlargements

Topic V OFFSET PRESS FUNDAMENTALS

- The feeder and delivery system
- The dampening system
- The inking system
- Mounting the plate
- Operating the press

Centre-Dr. Orest Cap, Coordinator for Industrial Teacher Education, front, Mr. Norbert Raabe, student working on a Comp/Edit Typesetter supplied by A.M. Varityper Division.

Mr. Doug Wasny (right) representing Eutectic Castolin Institute, (left) Dr. Murray McPherson, Department Chairman, Faculty of Education, University of Manitoba.

Mr. Brian Warkentin (left) from
A.M. Varityper and Dr. Murray
McPherson, Faculty of Education,
University of Manitoba.

Student Jim Partaker (left) at a Comp/Edit Typesetter supplied by A.M. Varityper, graphic arts instructor, Mr. Frank Hink, on the right.

Student Henry Bart (left) is working on an A.B. Dick Press, observing is Dr. Eric MacPherson, Dean at the Faculty of Education, University of Manitoba.

Mr. Gordon Patterson (left) from A.B. Dick observing students Henry Bart (centre) and Ted Wiebe.

Students Kurt Proctor (left) and Brad Stelmack (right) with Dr. George Porozny (centre), Business Education Coordinator, Faculty of Education, University of Manitoba.

Mr. Dale Atkinson (left) representing Booth Supply and Dr. Murray McPherson (right), Department Chairman, Faculty of Education, University of Manitoba.

Mr. Renaldo Demarcky (left) representing A.B. Dick Co. and Dr. Murray McPherson (right), Department Chairman, Faculty of Education, University of Manitoba.

# APPENDIX G

Sample Certificate of Appreciation Awarded to Companies

# *Certificate of Appreciation*

THE UNIVERSITY OF MANITOBA

*Recognition is hereby given to*

_____

*for service to*

VOCATIONAL EDUCATION
PROVINCE OF MANITOBA

*the ____ day of _____ 19 ___*

| DEAN OF EDUCATION | CHAIRMAN, CURRICULUM: MATHEMATICS AND NATURAL SCIENCES | PROFESSOR, VOCATIONAL EDUCATION |
|---|---|---|